

**Appendix I:
Level of Service Tables**

Level of Service Tables: Field Measured Queues and Delays

**Level of Service Tables: Field Measured Queues and Delays
Unsignalized**

File Name: Lakeland @ 11th Street - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

Ln.	No	Joined Queue	Released From Queue	Delay
1	1	8:03:01 AM	8:03:05 AM	4
1	2	8:11:20 AM	8:11:32 AM	12
1	3	8:12:53 AM	8:13:30 AM	37
1	4	8:13:16 AM	8:13:44 AM	28

Summary Information:

8:03:00 AM - 8:14:00 AM	Lane 1
Total Vehicle Count:	4
Delayed Vehicle Count:	4
Through Vehicle Count:	0
Average Stopped Time:	20.25
Maximum Stopped Time:	37
Min. Secs. for Delay:	0
Average Queue:	0.10
Queue Density:	1.16
Maximum Queue:	1
Total Delay:	81

File Name: Lakeland @ 11th Street - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

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L n	No.	Joined Queue	Released From Queue	Delay
1	1	5:02:01 PM	5:02:36 PM	35
1	2	5:07:32 PM	5:07:59 PM	27
1	3	5:13:17 PM	5:13:19 PM	2

Summary Information:

5:02:00 PM - 5:14:00 PM	Lane 1
Total Vehicle Count:	3
Delayed Vehicle Count:	3
Through Vehicle Count:	0
Average Stopped Time:	21.33
Maximum Stopped Time:	35
Min. Secs. for Delay:	0
Average Queue:	0.09
Queue Density:	1.00
Maximum Queue:	1
Delay in Vehicle Hour:	0.09
Total Delay:	64

File Name: Lakeland @ Chester Road - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

L n	No.	Joined Queue	Released From Queue	Delay
1	1	8:00:00 AM	8:00:26 AM	26
1	2	8:01:11 AM	8:01:26 AM	15
1	3	8:01:51 AM	8:02:11 AM	20
1	4	8:03:14 AM	8:03:38 AM	24
1	5	8:03:51 AM	8:04:09 AM	17
1	6	8:04:32 AM	8:04:38 AM	6
1	7	8:04:40 AM	8:04:54 AM	14
1	8	8:08:00 AM	8:08:26 AM	26
1	9	8:08:39 AM	8:08:48 AM	9
1	10	8:09:17 AM	8:09:51 AM	34
1	11	8:10:52 AM	8:11:06 AM	14
1	12	8:11:19 AM	8:11:32 AM	13
1	13	8:11:37 AM	8:11:49 AM	12
1	14	8:11:42 AM	8:12:11 AM	29
1	15	8:12:50 AM	8:13:01 AM	11
1	16	8:13:24 AM	8:14:03 AM	39
1	17	8:14:23 AM	8:14:41 AM	18

Summary Information:

8:00:00 AM - 8:15:00 AM	Lane 1
Total Vehicle Count:	17
Delayed Vehicle Count:	17
Through Vehicle Count:	0
Average Stopped Time:	19.23
Maximum Stopped Time:	39
Min. Secs. for Delay:	0
Average Queue:	0.35
Queue Density:	1.00
Maximum Queue:	2
Total Delay:	327

File Name: Lakeland @ Chester Road - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

L n	No.	Joined Queue	Released from Queue	Delay
1	1	5:15:01 PM	5:15:27 PM	26
1	2	5:15:04 PM	5:15:31 PM	27
1	3	5:15:40 PM	5:16:26 PM	46
1	4	5:16:45 PM	5:17:21 PM	36
1	5	5:17:50 PM	5:18:24 PM	34
1	6	5:19:22 PM	5:19:38 PM	16
1	7	5:19:30 PM	5:19:44 PM	14
1	8	5:19:33 PM	5:19:47 PM	14
1	9	5:20:00 PM	5:20:32 PM	32
1	10	5:20:47 PM	5:21:20 PM	33
1	11	5:21:48 PM	5:22:40 PM	52
1	12	5:22:52 PM	5:23:21 PM	29
1	13	5:23:51 PM	5:24:50 PM	59
1	14	5:26:29 PM	5:27:06 PM	37
1	15	5:26:35 PM	5:27:17 PM	42
1	16	5:27:28 PM	5:27:54 PM	26
1	17	5:28:00 PM	5:28:15 PM	15

Summary Information:

5:15:00 PM - 5:29:00 PM	Lane 1
Total Vehicle Count:	17
Delayed Vehicle Count:	17
Through Vehicle Count:	0
Average Stopped Time:	31.65
Maximum Stopped Time:	59
Min. Secs. for Delay:	0
Average Queue:	0.89
Queue Density:	1.45
Maximum Queue:	3
Total Delay:	538

File Name: Railroad @ Henry Street - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

L n	No.	Joined Queue	Released From Queue	Delay
1	1	8:00:00 AM	8:00:12 AM	12
1	2	8:00:19 AM	8:00:55 AM	36
1	3	8:01:07 AM	8:01:17 AM	10
1	4	8:02:31 AM	8:02:35 AM	4
1	5	8:02:33 AM	8:02:45 AM	12
1	6	8:03:47 AM	8:03:53 AM	6
1	7	8:03:49 AM	8:04:02 AM	13
1	8	8:04:04 AM	8:04:07 AM	3
1	9	8:04:05 AM	8:04:14 AM	9
1	10	8:04:07 AM	8:04:21 AM	14
1	11	8:04:11 AM	8:04:24 AM	13
1	12	8:04:36 AM	8:04:43 AM	7
1	13	8:04:47 AM	8:05:10 AM	23
1	14	8:04:50 AM	8:05:14 AM	23
1	15	8:04:51 AM	8:05:21 AM	30
1	16	8:05:10 AM	8:05:25 AM	15
1	17	8:05:22 AM	8:05:27 AM	5
1	18	8:05:24 AM	8:05:32 AM	8
1	19	8:05:36 AM	8:06:01 AM	25
1	20	8:07:26 AM	8:07:48 AM	22
1	21	8:07:59 AM	8:08:08 AM	9
1	22	8:08:12 AM	8:08:18 AM	6
1	23	8:08:14 AM	8:08:28 AM	14
1	24	8:09:40 AM	8:10:02 AM	22
1	25	8:10:01 AM	8:10:10 AM	9
1	26	8:10:50 AM	8:10:59 AM	9
1	27	8:11:07 AM	8:11:12 AM	5
1	28	8:12:44 AM	8:13:05 AM	21
1	29	8:13:03 AM	8:13:20 AM	17

Summary Information:

8:00:00 AM - 8:14:00 AM	Lane 1
Total Vehicle Count:	29
Delayed Vehicle Count:	29
Through Vehicle Count:	0
Average Stopped Time:	13.86
Maximum Stopped Time:	23
Min. Secs. for Delay:	0
Average Queue:	0.75
Queue Density:	2.04
Maximum Queue:	3
Delay in Vehicle Hour:	0.13
Total Delay:	402

File Name: Railroad @ Henry Street - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

L n	No.	Joined Queue	Released From Queue	Delay
1	1	5:45:01 PM	5:45:04 PM	3
1	2	5:45:01 PM	5:45:18 PM	17
1	3	5:45:01 PM	5:45:39 PM	38
1	4	5:46:27 PM	5:46:38 PM	11
1	5	5:47:14 PM	5:47:25 PM	11
1	6	5:47:29 PM	5:48:03 PM	34
1	7	5:48:58 PM	5:49:11 PM	13
1	8	5:49:17 PM	5:49:23 PM	6
1	9	5:50:26 PM	5:50:33 PM	7
1	10	5:50:27 PM	5:51:29 PM	62
1	11	5:50:27 PM	5:51:53 PM	86
1	12	5:52:43 PM	5:53:20 PM	37
1	13	5:54:14 PM	5:54:21 PM	7
1	14	5:56:17 PM	5:56:32 PM	15
1	15	5:56:48 PM	5:57:11 PM	23
1	16	5:58:11 PM	5:58:14 PM	3
1	17	5:58:12 PM	5:58:19 PM	7
1	18	5:58:51 PM	5:58:58 PM	7
1	19	5:58:52 PM	5:59:01 PM	9
1	20	5:59:20 PM	5:59:24 PM	4

Summary Information:

5:45:00 PM - 6:00:00 PM	Lane 1
Total Vehicle Count:	20
Delayed Vehicle Count:	20
Through Vehicle Count:	0
Average Stopped Time:	20.00
Maximum Stopped Time:	86
Min. Secs. for Delay:	0
Average Queue:	0.61
Queue Density:	1.48
Maximum Queue:	3
Total Delay:	400

File Name: Railroad @ Depot Street - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

L n	No.	Joined Queue	Released From Queue	Delay
1	1	8:00:16 AM	8:00:21 AM	5
1	2	8:07:39 AM	8:07:49 AM	10
1	3	8:07:46 AM	8:08:20 AM	34
1	4	8:10:06 AM	8:10:19 AM	3
1	5	8:10:29 AM	8:10:33 AM	4
1	6	8:12:14 AM	8:12:21 AM	7
1	7	8:14:38 AM	8:14:42 AM	4
1	8	8:15:10 AM	8:15:28 AM	18
2	1	8:00:00 AM	8:00:03 AM	3
2	2	8:01:15 AM	8:01:26 AM	11
2	3	8:01:31 AM	8:01:37 AM	6
2	4	8:02:47 AM	8:02:49 AM	2
2	5	8:03:58 AM	8:04:05 AM	7
2	6	8:04:17 AM	8:04:29 AM	12
2	7	8:05:16 AM	8:05:20 AM	4
2	8	8:06:02 AM	8:06:07 AM	5
2	9	8:06:03 AM	8:06:11 AM	8
2	10	8:08:32 AM	8:08:42 AM	10
2	11	8:08:41 AM	8:08:47 AM	6
2	12	8:08:46 AM	8:09:10 AM	24
2	13	8:09:18 AM	8:09:29 AM	11
2	14	8:10:19 AM	8:10:27 AM	8
2	15	8:10:33 AM	8:10:41 AM	8
2	16	8:11:52 AM	8:11:59 AM	7
2	17	8:12:30 AM	8:12:36 AM	6
2	18	8:12:56 AM	8:13:04 AM	8
2	19	8:13:16 AM	8:13:28 AM	12
2	20	8:13:37 AM	8:13:45 AM	8
2	21	8:15:11 AM	8:15:22 AM	11
2	22	8:15:33 AM	8:15:39 AM	6

Summary Information:

8:00:00 AM - 8:16:00 AM	Lane 1	Lane 2
Total Vehicle Count:	8	22
Delayed Vehicle Count:	8	22
Through Vehicle Count:	0	0
Average Stopped Time:	10.63	8.32
Maximum Stopped Time:	34	11
Min. Secs. for Delay:	0	0
Average Queue:	0.07	0.093
Queue Density:	1.00	1.061
Maximum Queue:	2	2
Total Delay:	85	183

File Name: Railroad @ Depot Street - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

L n	No.	Joined Queue	Released From Queue	Dela y
1	1	6:00:00 PM	6:00:20 PM	20
1	2	6:00:01 PM	6:00:35 PM	34
1	3	6:00:01 PM	6:00:59 PM	58
1	4	6:00:02 PM	6:01:13 PM	71
1	5	6:00:02 PM	6:01:28 PM	86
1	6	6:00:02 PM	6:01:37 PM	95
1	7	6:00:03 PM	6:01:46 PM	103
1	8	6:01:59 PM	6:02:08 PM	9
1	9	6:02:01 PM	6:02:23 PM	22
1	10	6:02:25 PM	6:02:45 PM	20
1	11	6:02:28 PM	6:02:52 PM	24
1	12	6:02:36 PM	6:02:59 PM	23
1	13	6:03:08 PM	6:03:13 PM	5
1	14	6:03:12 PM	6:03:19 PM	7
1	15	6:03:30 PM	6:03:46 PM	16
1	16	6:03:56 PM	6:04:00 PM	4
1	17	6:04:01 PM	6:04:02 PM	1
1	18	6:04:09 PM	6:04:13 PM	4
1	19	6:04:21 PM	6:04:22 PM	1
1	20	6:04:28 PM	6:04:30 PM	2
1	21	6:04:34 PM	6:04:35 PM	1
1	22	6:04:48 PM	6:04:50 PM	2
1	23	6:04:52 PM	6:04:54 PM	2
1	24	6:05:18 PM	6:05:27 PM	9
1	25	6:05:25 PM	6:05:34 PM	9
1	26	6:05:33 PM	6:05:58 PM	25
1	27	6:05:39 PM	6:06:30 PM	51
1	28	6:05:57 PM	6:06:31 PM	34
1	29	6:06:22 PM	6:06:33 PM	11
1	30	6:06:45 PM	6:06:47 PM	2
1	31	6:06:57 PM	6:07:05 PM	8
1	32	6:07:15 PM	6:07:19 PM	4
1	33	6:07:37 PM	6:07:39 PM	2
1	34	6:07:58 PM	6:07:59 PM	1
1	35	6:08:03 PM	6:08:04 PM	1
1	36	6:08:15 PM	6:08:32 PM	17
1	37	6:08:37 PM	6:08:41 PM	4
1	38	6:08:48 PM	6:08:50 PM	2
1	39	6:08:57 PM	6:09:00 PM	3
1	40	6:09:22 PM	6:09:23 PM	1
1	41	6:09:25 PM	6:09:42 PM	17
1	42	6:09:30 PM	6:09:58 PM	28
1	43	6:10:20 PM	6:10:23 PM	3
1	44	6:10:28 PM	6:10:30 PM	2
1	45	6:10:44 PM	6:10:57 PM	13
1	46	6:10:49 PM	6:11:02 PM	13
1	47	6:11:41 PM	6:11:47 PM	6
1	48	6:11:46 PM	6:11:57 PM	11
1	49	6:12:16 PM	6:12:22 PM	6
1	50	6:12:21 PM	6:12:30 PM	9
1	51	6:13:08 PM	6:13:09 PM	1
1	52	6:13:36 PM	6:13:39 PM	3
1	53	6:14:45 PM	6:14:51 PM	6
1	54	6:15:01 PM	6:15:01 PM	0
2	1	6:03:38 PM	6:03:46 PM	8
2	2	6:05:01 PM	6:05:34 PM	33
2	3	6:06:07 PM	6:06:30 PM	23
2	4	6:06:41 PM	6:06:44 PM	3

File Name: Railroad @ Depot Street - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 2

L n	No.	Joined Queue	Released From Queue	Delay
2	5	6:06:54 PM	6:07:18 PM	24
2	6	6:07:12 PM	6:07:23 PM	11
2	7	6:07:54 PM	6:07:57 PM	3
2	8	6:08:05 PM	6:08:46 PM	41
2	9	6:08:30 PM	6:10:08 PM	98
2	10	6:09:55 PM	6:10:18 PM	23
2	11	6:11:06 PM	6:11:12 PM	6
2	12	6:14:07 PM	6:14:09 PM	2
2	13	6:15:02 PM	6:15:02 PM	0

Summary Information:

6:00:00 PM - 6:16:00 PM	Lane 1	Lane 2
Total Vehicle Count:	54	13
Delayed Vehicle Count:	54	13
Through Vehicle Count:	0	0
Average Stopped Time:	16.89	21.154
Maximum Stopped Time:	103	98
Min. Secs. for Delay:	0	0
Average Queue:	1.01	0.401
Queue Density:	2.15	1.146
Maximum Queue:	5	2
Total Delay:	912	275

File Name: Railroad @ Hiddink Street - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

Ln.	No	Joined Queue	Released From Queue	Delay
1	1	8:00:00 AM	8:00:03 AM	3
1	2	8:00:16 AM	8:00:21 AM	5
1	3	8:00:24 AM	8:00:30 AM	6
1	4	8:00:51 AM	8:00:53 AM	2
1	5	8:00:54 AM	8:00:57 AM	3
1	6	8:01:03 AM	8:01:27 AM	24
1	7	8:01:35 AM	8:01:44 AM	9
1	8	8:02:47 AM	8:02:55 AM	8
1	9	8:03:23 AM	8:03:35 AM	12
1	10	8:03:40 AM	8:03:50 AM	10
1	11	8:04:46 AM	8:05:03 AM	17
1	12	8:05:05 AM	8:05:19 AM	14
1	13	8:06:00 AM	8:06:03 AM	3
1	14	8:06:24 AM	8:06:35 AM	11
1	15	8:07:00 AM	8:07:18 AM	18
1	16	8:07:20 AM	8:07:23 AM	3
1	17	8:07:25 AM	8:07:29 AM	4
1	18	8:07:27 AM	8:07:42 AM	15
1	19	8:07:40 AM	8:07:47 AM	7
1	20	8:08:00 AM	8:08:27 AM	27
1	21	8:08:39 AM	8:08:43 AM	4
1	22	8:08:46 AM	8:08:59 AM	13
1	23	8:09:11 AM	8:09:24 AM	13
1	24	8:12:06 AM	8:12:11 AM	5
1	25	8:12:26 AM	8:12:38 AM	12
1	26	8:13:22 AM	8:13:28 AM	6
1	27	8:15:21 AM	8:15:46 AM	25

Summary Information:

8:00:00 AM - 8:16:00 AM	Lane 1
Total Vehicle Count:	27
Delayed Vehicle Count:	27
Through Vehicle Count:	0
Average Stopped Time:	10.33
Maximum Stopped Time:	27
Min. Secs. for Delay:	0
Average Queue:	0.19
Queue Density:	1.00
Maximum Queue:	2
Total Delay:	279

File Name: Railroad @ Hiddink Street - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

L n	No.	Joined Queue	Released From Queue	Delay
1	1	5:00:00 PM	5:00:02 PM	2
1	2	5:00:07 PM	5:00:40 PM	33
1	3	5:00:31 PM	5:00:55 PM	24
1	4	5:01:36 PM	5:01:48 PM	12
1	5	5:02:15 PM	5:02:20 PM	5
1	6	5:02:17 PM	5:02:26 PM	9
1	7	5:02:38 PM	5:02:42 PM	4
1	8	5:02:50 PM	5:03:50 PM	60
1	9	5:04:08 PM	5:04:27 PM	19
1	10	5:04:34 PM	5:04:37 PM	3
1	11	5:04:47 PM	5:04:59 PM	12
1	12	5:05:18 PM	5:05:30 PM	12
1	13	5:05:37 PM	5:05:45 PM	8
1	14	5:05:38 PM	5:05:54 PM	16
1	15	5:06:15 PM	5:06:39 PM	24
1	16	5:07:00 PM	5:07:20 PM	20
1	17	5:07:17 PM	5:07:33 PM	16
1	18	5:07:18 PM	5:07:38 PM	20
1	19	5:07:18 PM	5:07:42 PM	24
1	20	5:07:43 PM	5:07:45 PM	2
1	21	5:08:41 PM	5:08:45 PM	4
1	22	5:08:42 PM	5:09:20 PM	38
1	23	5:09:50 PM	5:10:03 PM	13
1	24	5:10:23 PM	5:10:44 PM	21
1	25	5:10:28 PM	5:11:14 PM	46
1	26	5:10:33 PM	5:11:25 PM	52
1	27	5:10:36 PM	5:11:31 PM	55
1	28	5:11:38 PM	5:11:51 PM	13
1	29	5:12:21 PM	5:12:27 PM	6
1	30	5:12:22 PM	5:12:35 PM	13
1	31	5:13:31 PM	5:13:37 PM	6
1	32	5:13:44 PM	5:13:48 PM	4
1	33	5:14:38 PM	5:14:56 PM	18

Summary Information:

5:00:00 PM - 5:15:00 PM	Lane 1
Total Vehicle Count:	33
Delayed Vehicle Count:	33
Through Vehicle Count:	0
Average Stopped Time:	18.61
Maximum Stopped Time:	60
Min. Secs. for Delay:	0
Average Queue:	0.94
Queue Density:	2.08
Maximum Queue:	4
Total Delay:	614

File Name: Railroad @ Center Street - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

Ln.	No	Joined Queue	Released From Queue	Delay
1	1	8:00:00 AM	8:00:06 AM	6
1	2	8:00:30 AM	8:00:38 AM	8
1	3	8:02:40 AM	8:02:54 AM	14
1	4	8:03:39 AM	8:03:47 AM	8
1	5	8:04:32 AM	8:04:42 AM	10
1	6	8:04:46 AM	8:04:54 AM	8
1	7	8:05:11 AM	8:05:27 AM	16
1	8	8:07:02 AM	8:07:15 AM	13
1	9	8:11:08 AM	8:11:28 AM	20
1	10	8:13:36 AM	8:13:48 AM	12
1	11	8:14:55 AM	8:15:11 AM	16

Summary Information:

8:00:00 AM - 8:16:00 AM	Lane 1
Total Vehicle Count:	11
Delayed Vehicle Count:	11
Through Vehicle Count:	0
Average Stopped Time:	11.91
Maximum Stopped Time:	20
Min. Secs. for Delay:	0
Average Queue:	0.10
Queue Density:	1.00
Maximum Queue:	1
Delay in Vehicle Hour:	0.09
Total Delay:	131

File Name: Railroad @ Center Street - Stop Sign Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

L n	No.	Joined Queue	Released From Queue	Delay
1	1	5:00:00 PM	5:00:18 PM	18
1	2	5:00:22 PM	5:00:37 PM	15
1	3	5:00:23 PM	5:00:59 PM	36
1	4	5:00:48 PM	5:01:10 PM	22
1	5	5:01:44 PM	5:02:02 PM	18
1	6	5:01:47 PM	5:02:29 PM	42
1	7	5:03:00 PM	5:03:09 PM	9
1	8	5:03:02 PM	5:03:17 PM	15
1	9	5:03:05 PM	5:03:45 PM	40
1	10	5:03:11 PM	5:03:52 PM	41
1	11	5:03:34 PM	5:03:56 PM	22
1	12	5:03:43 PM	5:04:10 PM	27
1	13	5:03:49 PM	5:04:35 PM	46
1	14	5:03:57 PM	5:05:20 PM	83
1	15	5:04:26 PM	5:05:35 PM	69
1	16	5:04:27 PM	5:05:40 PM	73
1	17	5:04:46 PM	5:06:06 PM	80
1	18	5:04:52 PM	5:06:15 PM	83
1	19	5:05:27 PM	5:06:24 PM	57
1	20	5:05:48 PM	5:06:42 PM	54
1	21	5:07:01 PM	5:07:29 PM	28
1	22	5:07:11 PM	5:07:57 PM	46
1	23	5:07:13 PM	5:08:02 PM	49
1	24	5:07:16 PM	5:08:05 PM	49
1	25	5:08:59 PM	5:09:02 PM	3
1	26	5:09:05 PM	5:09:10 PM	5
1	27	5:09:24 PM	5:09:28 PM	4
1	28	5:09:26 PM	5:09:41 PM	15
1	29	5:09:40 PM	5:09:46 PM	6
1	30	5:10:14 PM	5:10:27 PM	13
1	31	5:11:38 PM	5:11:57 PM	19
1	32	5:12:17 PM	5:12:27 PM	10
1	33	5:13:08 PM	5:14:08 PM	60
1	34	5:14:46 PM	5:15:04 PM	18

Summary Information:

5:00:00 PM - 5:16:00 PM	Lane 1
Total Vehicle Count:	34
Delayed Vehicle Count:	34
Through Vehicle Count:	0
Average Stopped Time:	34.56
Maximum Stopped Time:	83
Min. Secs. for Delay:	0
Average Queue:	1.30
Queue Density:	2.15
Maximum Queue:	3
Delay in Vehicle Hour:	1.30
Total Delay:	1175

**Level of Service Tables: Field Measured Queues and Delays
Signalized**

File Name: Lakeland @ North Service Road Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

NB				
Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
8:00:00 AM	4	4	2	6
8:00:15 AM	5	1	0	1
8:00:30 AM	7	2	0	2
8:00:45 AM	17	20	0	20
8:01:00 AM	4	0	0	0
8:01:15 AM	0	0	0	0
8:01:30 AM	2	2	8	10
8:01:45 AM	6	4	0	4
8:02:00 AM	16	11	0	11
8:02:15 AM	16	8	0	8
8:02:30 AM	2	0	0	0
8:02:45 AM	0	0	7	7
8:03:00 AM	5	5	4	9
8:03:15 AM	10	5	1	6
8:03:30 AM	12	12	0	12
8:03:45 AM	16	8	0	8
8:04:00 AM	4	0	0	0
8:04:15 AM	0	0	1	1
8:04:30 AM	5	3	4	7
8:04:45 AM	5	2	0	2
8:05:00 AM	10	5	0	5
8:05:15 AM	15	5	0	5
8:05:30 AM	0	0	1	1
8:05:45 AM	0	3	1	4
8:06:00 AM	4	1	1	2
8:06:15 AM	4	0	0	0
8:06:30 AM	10	6	0	6
8:06:45 AM	16	7	0	7
8:07:00 AM	0	0	0	0
8:07:15 AM	0	0	0	0
8:07:30 AM	6	5	4	9
8:07:45 AM	10	5	0	5
8:08:00 AM	9	9	0	9
8:08:15 AM	16	7	0	7
8:08:30 AM	3	0	0	0
8:08:45 AM	0	0	0	0
8:09:00 AM	3	3	3	6
8:09:15 AM	7	4	0	4
8:09:30 AM	12	5	0	5
8:09:45 AM	7	5	0	5
8:10:00 AM	0	0	0	0
8:10:15 AM	2	2	2	4
8:10:30 AM	7	5	1	6
8:10:45 AM	12	5	2	7
8:11:00 AM	16	6	0	6
8:11:15 AM	12	6	0	6
8:11:30 AM	2	2	0	2
8:11:45 AM	0	0	0	0
8:12:00 AM	3	3	5	8
8:12:15 AM	5	2	0	2
8:12:30 AM	12	7	0	7
8:12:45 AM	9	7	0	7
8:13:00 AM	0	0	2	2
8:13:15 AM	2	2	1	3
8:13:30 AM	4	2	2	4
8:13:45 AM	13	9	0	9
8:14:00 AM	9	6	0	6

File Name: Lakeland @ North Service Road Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 2

NB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
8:14:15 AM	0	2	0	2
8:14:30 AM	10	4	0	4
8:14:45 AM	0	1	0	1
8:15:00 AM	5	4	3	7
Grand Total	391	232	55	287
Total %		80.8	19.2	

First Sample:	8:00:00 AM
Last Sample:	8:15:00 AM
Sample Rate:	15 Seconds
Number of Samples:	61
Elapsed Time:	0 Hours, 15 Minutes, 15 Seconds
Number Stopped:	391
Approach Volume -Stopped:	232
-Through:	55
Approach Total:	287
Total Delay:	5865 Seconds
Control Delay Multiplier:	1.3
Control Delay:	32.86 Seconds
Avg. Delay per Stopped vehicle:	25.3 Seconds
Avg. Delay per Approach vehicle:	20.4 Seconds
Percent of Vehicles Stopped:	80.8%

File Name: Lakeland @ North Service Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

Direction Description

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
5:00:00 PM	4	4	4	8
5:00:15 PM	10	3	0	3
5:00:30 PM	12	8	0	8
5:00:45 PM	12	7	0	7
5:01:00 PM	2	0	0	0
5:01:15 PM	0	0	0	0
5:01:30 PM	8	4	4	8
5:01:45 PM	8	0	0	0
5:02:00 PM	10	5	0	5
5:02:15 PM	11	4	0	4
5:02:30 PM	0	0	0	0
5:02:45 PM	2	0	0	0
5:03:00 PM	2	1	2	3
5:03:15 PM	5	3	0	3
5:03:30 PM	10	6	0	6
5:03:45 PM	11	8	0	8
5:04:00 PM	1	0	0	0
5:04:15 PM	0	0	0	0
5:04:30 PM	5	2	1	3
5:04:45 PM	5	1	0	1
5:05:00 PM	10	6	0	6
5:05:15 PM	10	0	0	0
5:05:30 PM	0	0	0	0
5:05:45 PM	0	0	4	4
5:06:00 PM	3	3	3	6
5:06:15 PM	5	2	0	2
5:06:30 PM	8	3	0	3
5:06:45 PM	12	5	0	5
5:07:00 PM	0	0	0	0
5:07:15 PM	1	3	2	5
5:07:30 PM	4	0	4	4
5:07:45 PM	6	0	0	0
5:08:00 PM	11	12	0	12
5:08:15 PM	13	7	0	7
5:08:30 PM	0	0	0	0
5:08:45 PM	8	1	1	2
5:09:00 PM	8	3	5	8
5:09:15 PM	8	2	0	2
5:09:30 PM	11	5	0	5
5:09:45 PM	12	3	0	3
5:10:00 PM	0	0	0	0
5:10:15 PM	2	0	0	0
5:10:30 PM	5	4	12	16
5:10:45 PM	7	2	0	2
5:11:00 PM	13	6	0	6
5:11:15 PM	13	0	0	0
5:11:30 PM	0	0	0	0
5:11:45 PM	0	0	0	0
5:12:00 PM	5	5	3	8
5:12:15 PM	8	3	0	3
5:12:30 PM	12	4	0	4
5:12:45 PM	11	4	0	4
5:13:00 PM	0	0	0	0
5:13:15 PM	3	0	3	3
5:13:30 PM	4	4	1	5
5:13:45 PM	7	0	0	0
5:14:00 PM	12	6	0	6

File Name: Lakeland @ North Service Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 2

Direction Description

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
5:14:15 PM	12	6	0	6
5:14:30 PM	0	0	0	0
5:14:45 PM	0	0	3	3
5:15:00 PM	0	0	3	3
5:15:15 PM	0	0	0	0
Grand Total	362	155	55	210
Total %		73.8	26.2	

First Sample:	5:00:00 PM
Last Sample:	5:15:15 PM
Sample Rate:	15 Seconds
Number of Samples:	62
Elapsed Time:	0 Hours, 15 Minutes, 30 Seconds
Number Stopped:	362
Approach Volume -Stopped:	155
-Through:	55
Approach Total:	210
Total Delay:	5430 Seconds
Control Delay Multiplier:	1.3
Control Delay:	45.5 Seconds
Avg. Delay per Stopped vehicle:	35.0 Seconds
Avg. Delay per Approach vehicle:	25.9 Seconds
Percent of Vehicles Stopped:	73.8%

File Name: Lakeland @ South Service Road Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

SB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
8:00:00 AM	0	0	1	1
8:00:15 AM	0	0	4	4
8:00:30 AM	2	1	3	4
8:00:45 AM	4	2	0	2
8:01:00 AM	8	4	0	4
8:01:15 AM	0	0	0	0
8:01:30 AM	0	0	4	4
8:01:45 AM	0	0	3	3
8:02:00 AM	2	2	2	4
8:02:15 AM	3	1	0	1
8:02:30 AM	5	2	0	2
8:02:45 AM	0	0	0	0
8:03:00 AM	0	0	0	0
8:03:15 AM	0	0	1	1
8:03:30 AM	0	0	0	0
8:03:45 AM	0	0	0	0
8:04:00 AM	3	3	0	3
8:04:15 AM	0	0	0	0
8:04:30 AM	0	0	0	0
8:04:45 AM	0	0	4	4
8:05:00 AM	2	2	1	3
8:05:15 AM	2	0	0	0
8:05:30 AM	2	0	0	0
8:05:45 AM	0	0	0	0
8:06:00 AM	0	0	0	0
8:06:15 AM	0	0	2	2
8:06:30 AM	4	4	2	6
8:06:45 AM	5	1	0	1
8:07:00 AM	7	2	0	2
8:07:15 AM	0	0	0	0
8:07:30 AM	0	0	0	0
8:07:45 AM	0	0	6	6
8:08:00 AM	3	2	1	3
8:08:15 AM	3	0	0	0
8:08:30 AM	8	5	0	5
8:08:45 AM	0	0	0	0
8:09:00 AM	0	0	0	0
8:09:15 AM	0	0	2	2
8:09:30 AM	1	1	0	1
8:09:45 AM	0	0	0	0
8:10:00 AM	3	2	0	2
8:10:15 AM	0	0	0	0
8:10:30 AM	0	0	1	1
8:10:45 AM	0	0	3	3
8:11:00 AM	0	0	1	1
8:11:15 AM	0	0	0	0
8:11:30 AM	4	4	0	4
8:11:45 AM	0	0	0	0
8:12:00 AM	0	0	0	0
8:12:15 AM	0	0	1	1
8:12:30 AM	2	2	0	2
8:12:45 AM	2	0	0	0
8:13:00 AM	4	2	0	2
8:13:15 AM	0	0	0	0
8:13:30 AM	0	0	0	0
8:13:45 AM	0	0	3	3
8:14:00 AM	3	2	0	2

File Name: Lakeland @ South Service Road Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 2

SB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
8:14:15 AM	3	0	0	0
8:14:30 AM	7	4	0	4
8:14:45 AM	0	0	0	0
8:15:00 AM	0	0	0	0
Grand Total	92	48	45	93
Total %		51.6	48.4	

First Sample:	8:00:00 AM
Last Sample:	8:15:00 AM
Sample Rate:	15 Seconds
Number of Samples:	61
Elapsed Time:	0 Hours, 15 Minutes, 15 Seconds
Number Stopped:	92
Approach Volume -Stopped:	48
-Through:	45
Approach Total:	93
Total Delay:	1380 Seconds
Control Delay Multiplier:	1.3
Control Delay:	37.4 Seconds
Avg. Delay per Stopped vehicle:	28.8 Seconds
Avg. Delay per Approach vehicle:	14.8 Seconds
Percent of Vehicles Stopped:	51.6%

File Name: Lakeland @ South Service Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

SB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
4:59:00 PM	12	10	0	10
4:59:15 PM	14	5	0	5
4:59:30 PM	0	0	1	1
4:59:45 PM	0	0	0	0
5:00:00 PM	7	1	7	8
5:00:15 PM	12	10	0	10
5:00:30 PM	13	7	0	7
5:00:45 PM	14	0	0	0
5:01:00 PM	3	0	2	2
5:01:15 PM	13	0	1	1
5:01:30 PM	9	1	8	9
5:01:45 PM	7	6	0	6
5:02:00 PM	14	4	0	4
5:02:15 PM	11	0	0	0
5:02:30 PM	0	0	1	1
5:02:45 PM	9	0	2	2
5:03:00 PM	8	4	4	8
5:03:15 PM	14	7	0	7
5:03:30 PM	14	10	0	10
5:03:45 PM	3	0	0	0
5:04:00 PM	6	0	3	3
5:04:15 PM	0	0	1	1
5:04:30 PM	7	5	5	10
5:04:45 PM	10	1	0	1
5:05:00 PM	13	5	0	5
5:05:15 PM	5	0	1	1
5:05:30 PM	7	0	2	2
5:05:45 PM	6	2	2	4
5:06:00 PM	10	8	0	8
5:06:15 PM	14	8	0	8
5:06:30 PM	14	6	0	6
5:06:45 PM	13	0	0	0
5:07:00 PM	12	0	0	0
5:07:15 PM	2	2	2	4
5:07:30 PM	10	8	4	12
5:07:45 PM	14	4	0	4
5:08:00 PM	13	5	0	5
5:08:15 PM	5	0	0	0
5:08:30 PM	6	0	1	1
5:08:45 PM	12	2	2	4
5:09:00 PM	8	6	1	7
5:09:15 PM	12	7	0	7
5:09:30 PM	14	11	0	11
5:09:45 PM	13	0	0	0
5:10:00 PM	8	0	0	0
5:10:15 PM	7	4	0	4
5:10:30 PM	13	6	2	8
5:10:45 PM	12	10	0	10
5:11:00 PM	14	6	0	6
5:11:15 PM	13	1	0	1
5:11:30 PM	2	0	0	0
5:11:45 PM	9	0	0	0
5:12:00 PM	14	10	0	10
5:12:15 PM	12	11	0	11
5:12:30 PM	13	5	0	5
5:12:45 PM	14	2	0	2
5:13:00 PM	8	0	1	1

File Name: Lakeland @ South Service Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 2

SB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
5:13:15 PM	14	0	0	0
5:13:30 PM	14	6	0	6
5:13:45 PM	12	5	0	5
5:14:00 PM	13	4	0	4
5:14:15 PM	0	0	0	0
Grand Total	595	215	53	268
Total %		80.2	19.8	

First Sample:	4:59:00 PM
Last Sample:	5:14:15 PM
Sample Rate:	15 Seconds
Number of Samples:	62
Elapsed Time:	0 Hours, 15 Minutes, 30 Seconds
Number Stopped:	595
Approach Volume -Stopped:	215
-Through:	53
Approach Total:	268
Total Delay:	8925 Seconds
Control Delay Multiplier:	1.3
Control Delay:	54.0 Seconds
Avg. Delay per Stopped vehicle:	41.5 Seconds
Avg. Delay per Approach vehicle:	33.3 Seconds
Percent of Vehicles Stopped:	80.2%

File Name: Lakeland @ Adams Way Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

WB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
7:59:00 AM	0	1	0	1
7:59:15 AM	1	0	0	0
7:59:30 AM	0	0	0	0
7:59:45 AM	0	0	0	0
8:00:00 AM	2	2	1	3
8:00:15 AM	0	0	0	0
8:00:30 AM	1	1	1	2
8:00:45 AM	2	1	1	2
8:01:00 AM	0	0	0	0
8:01:15 AM	0	0	0	0
8:01:30 AM	0	0	0	0
8:01:45 AM	0	0	0	0
8:02:00 AM	0	0	0	0
8:02:15 AM	1	1	0	1
8:02:30 AM	1	0	0	0
8:02:45 AM	0	0	0	0
8:03:00 AM	0	0	0	0
8:03:15 AM	0	0	0	0
8:03:30 AM	0	0	0	0
8:03:45 AM	1	1	0	1
8:04:00 AM	2	1	0	1
8:04:15 AM	0	0	1	1
8:04:30 AM	0	0	0	0
8:04:45 AM	1	1	0	1
8:05:00 AM	0	0	0	0
8:05:15 AM	1	1	1	2
8:05:30 AM	0	0	0	0
8:05:45 AM	0	0	0	0
8:06:00 AM	0	0	0	0
8:06:15 AM	0	0	0	0
8:06:30 AM	0	0	0	0
8:06:45 AM	0	0	0	0
8:07:00 AM	1	1	0	1
8:07:15 AM	0	0	1	1
8:07:30 AM	1	1	0	1
8:07:45 AM	1	0	0	0
8:08:00 AM	2	1	0	1
8:08:15 AM	2	1	1	2
8:08:30 AM	0	0	0	0
8:08:45 AM	0	0	0	0
8:09:00 AM	0	0	0	0
8:09:15 AM	0	0	0	0
8:09:30 AM	1	1	0	1
8:09:45 AM	1	0	1	1
8:10:00 AM	0	0	0	0
8:10:15 AM	0	0	0	0
8:10:30 AM	0	0	0	0
8:10:45 AM	1	1	0	1
8:11:00 AM	1	0	1	1
8:11:15 AM	0	0	0	0
8:11:30 AM	0	0	0	0
8:11:45 AM	0	0	0	0
8:12:00 AM	0	0	0	0
8:12:15 AM	0	0	0	0
8:12:30 AM	0	0	0	0
8:12:45 AM	0	0	0	0

File Name: Lakeland @ Adams Way Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 2

WB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
8:13:00 AM	0	0	0	0
8:13:15 AM	0	0	0	0
8:13:30 AM	0	0	0	0
8:13:45 AM	1	0	0	0
8:14:00 AM	0	0	0	0
8:14:15 AM	1	1	1	2
Grand Total	26	17	10	27
Total %		63.0	37.0	

First Sample:	7:59:00 AM
Last Sample:	8:14:15 AM
Sample Rate:	15 Seconds
Number of Samples:	62
Elapsed Time:	0 Hours, 15 Minutes, 30 Seconds
Number Stopped:	26
Approach Volume -Stopped:	17
-Through:	10
Approach Total:	27
Total Delay:	390 Seconds
Control Delay Multiplier:	1.3
Control Delay:	29.8 Seconds
Avg. Delay per Stopped vehicle:	22.9 Seconds
Avg. Delay per Approach vehicle:	14.4 Seconds
Percent of Vehicles Stopped:	63.0%

File Name: Lakeland @ Adams Way - Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

WB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
5:15:00 PM	0	1	1	2
5:15:15 PM	0	0	0	0
5:15:30 PM	0	0	0	0
5:15:45 PM	0	0	0	0
5:16:00 PM	0	0	0	0
5:16:15 PM	0	1	0	1
5:16:30 PM	0	0	0	0
5:16:45 PM	0	0	0	0
5:17:00 PM	0	0	0	0
5:17:15 PM	0	0	0	0
5:17:30 PM	0	1	1	2
5:17:45 PM	0	0	0	0
5:18:00 PM	0	0	0	0
5:18:15 PM	0	0	0	0
5:18:30 PM	0	0	1	1
5:18:45 PM	1	1	0	1
5:19:00 PM	1	0	0	0
5:19:15 PM	0	0	0	0
5:19:30 PM	0	0	0	0
5:19:45 PM	0	0	0	0
5:20:00 PM	0	0	0	0
5:20:15 PM	0	0	0	0
5:20:30 PM	0	0	0	0
5:20:45 PM	2	2	0	2
5:21:00 PM	0	0	0	0
5:21:15 PM	0	0	0	0
5:21:30 PM	2	1	0	1
5:21:45 PM	1	0	0	0
5:22:00 PM	0	0	0	0
5:22:15 PM	1	1	0	1
5:22:30 PM	0	0	1	1
5:22:45 PM	2	1	0	1
5:23:00 PM	0	0	0	0
5:23:15 PM	0	0	0	0
5:23:30 PM	3	2	0	2
5:23:45 PM	3	0	0	0
5:24:00 PM	3	0	0	0
5:24:15 PM	0	1	1	2
5:24:30 PM	0	0	0	0
5:24:45 PM	0	0	0	0
5:25:00 PM	0	0	0	0
5:25:15 PM	0	0	0	0
5:25:30 PM	0	0	0	0
5:25:45 PM	0	0	0	0
5:26:00 PM	1	0	0	0
5:26:15 PM	0	0	0	0
5:26:30 PM	1	1	0	1
5:26:45 PM	1	0	0	0
5:27:00 PM	1	0	0	0
5:27:15 PM	0	0	1	1
5:27:30 PM	0	0	0	0
5:27:45 PM	0	0	0	0
5:28:00 PM	0	0	0	0
5:28:15 PM	0	0	0	0
5:28:30 PM	3	2	0	2
5:28:45 PM	1	0	0	0
5:29:00 PM	1	1	0	1

File Name: Lakeland @ Adams Way - Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 2

WB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
5:29:15 PM	1	0	0	0
5:29:30 PM	1	0	0	0
5:29:45 PM	0	0	0	0
5:30:00 PM	0	0	0	0
Grand Total	30	16	6	22
Total %		72.7	27.3	

First Sample:	5:15:00 PM
Last Sample:	5:30:00 PM
Sample Rate:	15 Seconds
Number of Samples:	61
Elapsed Time:	0 Hours, 15 Minutes, 15 Seconds
Number Stopped:	30
Approach Volume -Stopped:	16
-Through:	6
Approach Total:	22
Total Delay:	450 Seconds
Control Delay Multiplier:	1.3
Control Delay:	36.6 Seconds
Avg. Delay per Stopped vehicle:	28.1 Seconds
Avg. Delay per Approach vehicle:	20.5 Seconds
Percent of Vehicles Stopped:	72.7%

File Name: Lakeland @ Johnson-Tariff Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

EB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
8:00:00 AM	1	1	0	1
8:00:15 AM	2	1	0	1
8:00:30 AM	1	1	0	1
8:00:45 AM	2	1	0	1
8:01:00 AM	2	0	0	0
8:01:15 AM	4	0	0	0
8:01:30 AM	2	1	1	2
8:01:45 AM	3	2	1	3
8:02:00 AM	0	0	0	0
8:02:15 AM	1	1	0	1
8:02:30 AM	1	0	0	0
8:02:45 AM	2	1	0	1
8:03:00 AM	2	0	2	2
8:03:15 AM	0	0	0	0
8:03:30 AM	1	1	0	1
8:03:45 AM	2	1	0	1
8:04:00 AM	2	0	0	0
8:04:15 AM	0	0	1	1
8:04:30 AM	2	2	3	5
8:04:45 AM	4	1	0	1
8:05:00 AM	1	0	0	0
8:05:15 AM	3	2	0	2
8:05:30 AM	4	1	0	1
8:05:45 AM	2	0	1	1
8:06:00 AM	0	0	0	0
8:06:15 AM	2	1	0	1
8:06:30 AM	2	0	0	0
8:06:45 AM	2	1	0	1
8:07:00 AM	4	2	0	2
8:07:15 AM	8	2	0	2
8:07:30 AM	6	0	0	0
8:07:45 AM	3	0	1	1
8:08:00 AM	2	4	0	4
8:08:15 AM	1	1	0	1
8:08:30 AM	3	0	0	0
8:08:45 AM	2	0	0	0
8:09:00 AM	1	1	0	1
8:09:15 AM	2	0	1	1
8:09:30 AM	2	1	0	1
8:09:45 AM	4	2	0	2
8:10:00 AM	4	0	0	0
8:10:15 AM	5	0	0	0
8:10:30 AM	4	1	2	3
8:10:45 AM	2	1	0	1
8:11:00 AM	4	2	0	2
8:11:15 AM	5	1	0	1
8:11:30 AM	6	1	0	1
8:11:45 AM	2	1	4	5
8:12:00 AM	4	1	0	1
8:12:15 AM	1	0	0	0
8:12:30 AM	2	1	0	1
8:12:45 AM	4	0	0	0
8:13:00 AM	3	0	1	1
8:13:15 AM	2	1	0	1
8:13:30 AM	2	1	0	1
8:13:45 AM	2	0	0	0
8:14:00 AM	4	2	0	2

File Name: Lakeland @ Johnson-Tariff Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 2

EB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
8:14:15 AM	0	0	0	0
8:14:30 AM	2	1	0	1
8:14:45 AM	3	1	0	1
8:15:00 AM	7	1	0	1
8:15:15 AM	7	1	0	1
8:15:30 AM	7	1	0	1
8:15:45 AM	1	0	1	1
8:16:00 AM	4	2	0	2
8:16:15 AM	4	2	0	2
8:16:30 AM	5	1	0	1
8:16:45 AM	6	1	0	1
8:17:00 AM	0	0	0	0
Grand Total	190	56	19	75
Total %		74.7	25.3	

First Sample:	8:00:00 AM
Last Sample:	8:17:00 AM
Sample Rate:	15 Seconds
Number of Samples:	69
Elapsed Time:	0 Hours, 17 Minutes, 15 Seconds
Number Stopped:	190
Approach Volume -Stopped:	56
-Through:	19
Approach Total:	75
Total Delay:	2850 Seconds
Control Delay Multiplier:	1.3
Control Delay:	66.1 Seconds
Avg. Delay per Stopped vehicle:	50.9 Seconds
Avg. Delay per Approach vehicle:	38.0 Seconds
Percent of Vehicles Stopped:	74.7%

File Name: Lakeland @ Johnson-Tariff Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

EB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
4:59:00 PM	8	8	0	8
4:59:15 PM	0	0	8	8
4:59:30 PM	1	1	0	1
4:59:45 PM	1	0	0	0
5:00:00 PM	4	3	0	3
5:00:15 PM	5	1	0	1
5:00:30 PM	5	0	0	0
5:00:45 PM	1	1	5	6
5:01:00 PM	2	1	0	1
5:01:15 PM	3	1	0	1
5:01:30 PM	5	2	0	2
5:01:45 PM	4	2	2	4
5:02:00 PM	0	0	4	4
5:02:15 PM	3	3	0	3
5:02:30 PM	4	1	0	1
5:02:45 PM	5	1	0	1
5:03:00 PM	7	2	0	2
5:03:15 PM	5	0	2	2
5:03:30 PM	0	0	5	5
5:03:45 PM	4	4	0	4
5:04:00 PM	6	2	0	2
5:04:15 PM	8	2	0	2
5:04:30 PM	12	4	0	4
5:04:45 PM	12	0	0	0
5:05:00 PM	0	0	9	9
5:05:15 PM	4	4	2	6
5:05:30 PM	5	1	0	1
5:05:45 PM	5	0	0	0
5:06:00 PM	6	1	0	1
5:06:15 PM	7	1	0	1
5:06:30 PM	7	0	0	0
5:06:45 PM	3	3	7	10
5:07:00 PM	4	1	0	1
5:07:15 PM	8	4	0	4
5:07:30 PM	12	4	0	4
5:07:45 PM	12	0	0	0
5:08:00 PM	3	0	8	8
5:08:15 PM	3	3	3	6
5:08:30 PM	3	0	0	0
5:08:45 PM	5	2	0	2
5:09:00 PM	5	0	0	0
5:09:15 PM	6	1	0	1
5:09:30 PM	0	0	0	0
5:09:45 PM	0	0	6	6
5:10:00 PM	5	4	0	4
5:10:15 PM	7	2	0	2
5:10:30 PM	10	3	0	3
5:10:45 PM	11	1	0	1
5:11:00 PM	2	0	9	9
5:11:15 PM	0	0	2	2
5:11:30 PM	4	4	0	4
5:11:45 PM	6	2	0	2
5:12:00 PM	7	1	0	1
5:12:15 PM	8	1	0	1
5:12:30 PM	4	0	4	4
5:12:45 PM	1	1	4	5
5:13:00 PM	2	1	0	1

File Name: Lakeland @ Johnson-Tariff Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

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EB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
5:13:15 PM	5	2	0	2
5:13:30 PM	7	2	0	2
5:13:45 PM	9	2	0	2
5:14:00 PM	5	2	6	8
5:14:15 PM	0	0	5	5
5:14:30 PM	0	0	0	0
Grand Total	296	92	91	183
Total %		50.3	49.7	

First Sample:	4:59:00 PM
Last Sample:	5:14:30 PM
Sample Rate:	15 Seconds
Number of Samples:	63
Elapsed Time:	0 Hours, 15 Minutes, 45 Seconds
Number Stopped:	296
Approach Volume -Stopped:	92
-Through:	91
Approach Total:	183
Total Delay:	4440 Seconds
Control Delay Multiplier:	1.3
Control Delay:	62.7 Seconds
Avg. Delay per Stopped vehicle:	48.3 Seconds
Avg. Delay per Approach vehicle:	24.26 Seconds
Percent of Vehicles Stopped:	50.3%

File Name: Railroad @ Manton Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

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EB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
8:00:00 AM	2	2	0	2
8:00:15 AM	0	0	2	2
8:00:30 AM	0	0	0	0
8:00:45 AM	0	0	0	0
8:01:00 AM	0	0	0	0
8:01:15 AM	0	0	0	0
8:01:30 AM	0	0	0	0
8:01:45 AM	0	0	0	0
8:02:00 AM	0	0	0	0
8:02:15 AM	0	0	0	0
8:02:30 AM	0	0	0	0
8:02:45 AM	0	0	0	0
8:03:00 AM	0	0	0	0
8:03:15 AM	0	0	0	0
8:03:30 AM	2	1	0	1
8:03:45 AM	0	0	0	0
8:04:00 AM	0	0	0	0
8:04:15 AM	0	0	0	0
8:04:30 AM	0	0	0	0
8:04:45 AM	1	1	0	1
8:05:00 AM	0	0	1	1
8:05:15 AM	0	0	0	0
8:05:30 AM	1	1	0	1
8:05:45 AM	1	0	0	0
8:06:00 AM	1	0	0	0
8:06:15 AM	0	0	0	0
8:06:30 AM	0	0	0	0
8:06:45 AM	0	0	0	0
8:07:00 AM	0	0	0	0
8:07:15 AM	0	0	0	0
8:07:30 AM	0	0	0	0
8:07:45 AM	0	0	0	0
8:08:00 AM	0	0	0	0
8:08:15 AM	1	1	0	1
8:08:30 AM	0	0	0	0
8:08:45 AM	0	0	0	0
8:09:00 AM	0	0	0	0
8:09:15 AM	0	0	0	0
8:09:30 AM	2	1	0	1
8:09:45 AM	0	1	0	1
8:10:00 AM	2	1	0	1
8:10:15 AM	2	0	0	0
8:10:30 AM	2	1	0	1
8:10:45 AM	2	0	0	0
8:11:00 AM	0	0	1	1
8:11:15 AM	0	0	0	0
8:11:30 AM	0	0	0	0
8:11:45 AM	1	1	0	1
8:12:00 AM	2	1	0	1
8:12:15 AM	1	0	1	1
8:12:30 AM	1	1	0	1
8:12:45 AM	1	0	0	0
8:13:00 AM	2	1	0	1
8:13:15 AM	2	0	0	0
8:13:30 AM	0	0	0	0
8:13:45 AM	0	0	0	0
8:14:00 AM	0	0	0	0

File Name: Railroad @ Manton Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

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EB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
8:14:15 AM	0	0	0	0
Grand Total	29	14	5	19
Total %		73.7	26.3	

First Sample:	8:00:00 AM
Last Sample:	8:14:15 AM
Sample Rate:	15 Seconds
Number of Samples:	58
Elapsed Time:	0 Hours, 14 Minutes, 30 Seconds
Number Stopped:	29
Approach Volume -Stopped:	14
-Through:	5
Approach Total:	19
Total Delay:	435 Seconds
Control Delay Multiplier:	1.3
Control Delay:	40.4 Seconds
Avg. Delay per Stopped vehicle:	31.1 Seconds
Avg. Delay per Approach vehicle:	22.9 Seconds
Percent of Vehicles Stopped:	73.7%

File Name: Railroad @ Manton - Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

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EB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
5:00:00 PM	0	2	2	4
5:00:15 PM	0	1	1	2
5:00:30 PM	1	1	0	1
5:00:45 PM	1	0	0	0
5:01:00 PM	1	1	1	2
5:01:15 PM	1	2	2	4
5:01:30 PM	1	0	0	0
5:01:45 PM	2	1	0	1
5:02:00 PM	5	3	0	3
5:02:15 PM	1	0	4	4
5:02:30 PM	0	0	1	1
5:02:45 PM	0	0	0	0
5:03:00 PM	0	0	0	0
5:03:15 PM	0	0	0	0
5:03:30 PM	0	1	1	2
5:03:45 PM	0	0	0	0
5:04:00 PM	0	0	0	0
5:04:15 PM	1	1	0	1
5:04:30 PM	0	0	1	1
5:04:45 PM	0	0	0	0
5:05:00 PM	1	1	0	1
5:05:15 PM	2	1	0	1
5:05:30 PM	2	0	0	0
5:05:45 PM	0	0	2	2
5:06:00 PM	1	1	0	1
5:06:15 PM	2	1	0	1
5:06:30 PM	2	0	0	0
5:06:45 PM	2	2	2	4
5:07:00 PM	1	1	2	3
5:07:15 PM	2	1	0	1
5:07:30 PM	2	0	0	0
5:07:45 PM	3	1	0	1
5:08:00 PM	1	1	3	4
5:08:15 PM	1	1	1	2
5:08:30 PM	1	0	0	0
5:08:45 PM	4	3	0	3
5:09:00 PM	4	0	0	0
5:09:15 PM	0	0	4	4
5:09:30 PM	2	2	0	2
5:09:45 PM	2	0	0	0
5:10:00 PM	4	2	0	2
5:10:15 PM	3	1	2	3
5:10:30 PM	0	0	3	3
5:10:45 PM	0	0	0	0
5:11:00 PM	1	1	0	1
5:11:15 PM	1	0	0	0
5:11:30 PM	0	1	2	3
5:11:45 PM	0	0	0	0
5:12:00 PM	0	0	0	0
5:12:15 PM	1	1	0	1
5:12:30 PM	2	1	0	1
5:12:45 PM	0	0	2	2
5:13:00 PM	0	0	0	0
5:13:15 PM	1	1	0	1
5:13:30 PM	1	0	0	0
5:13:45 PM	0	1	2	3
5:14:00 PM	3	3	0	3

File Name: Railroad @ Manton - Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

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EB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
5:14:15 PM	4	1	0	1
5:14:30 PM	4	0	0	0
5:14:45 PM	1	0	3	3
5:15:00 PM	0	0	1	1
Grand Total	75	42	42	84
Total %		50.0	50.0	

First Sample:	5:00:00 PM
Last Sample:	5:15:00 PM
Sample Rate:	15 Seconds
Number of Samples:	61
Elapsed Time:	0 Hours, 15 Minutes, 15 Seconds
Number Stopped:	75
Approach Volume -Stopped:	42
-Through:	42
Approach Total:	84
Total Delay:	1125 Seconds
Control Delay Multiplier:	1.3
Control Delay:	34.8 Seconds
Avg. Delay per Stopped vehicle:	26.8 Seconds
Avg. Delay per Approach vehicle:	13.4 Seconds
Percent of Vehicles Stopped:	50.0%

File Name: Railroad @ Montauk Highway Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

EB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
8:00:00 AM	1	1	0	1
8:00:15 AM	0	0	0	0
8:00:30 AM	0	0	1	1
8:00:45 AM	1	1	0	1
8:01:00 AM	2	1	0	1
8:01:15 AM	2	0	0	0
8:01:30 AM	0	3	1	4
8:01:45 AM	1	2	1	3
8:02:00 AM	0	0	0	0
8:02:15 AM	1	1	0	1
8:02:30 AM	1	0	0	0
8:02:45 AM	0	0	1	1
8:03:00 AM	0	0	0	0
8:03:15 AM	1	2	1	3
8:03:30 AM	2	1	0	1
8:03:45 AM	2	0	0	0
8:04:00 AM	2	0	0	0
8:04:15 AM	2	1	1	2
8:04:30 AM	0	0	0	0
8:04:45 AM	0	0	0	0
8:05:00 AM	1	1	0	1
8:05:15 AM	1	0	0	0
8:05:30 AM	1	2	3	5
8:05:45 AM	2	2	0	2
8:06:00 AM	1	0	1	1
8:06:15 AM	3	0	1	1
8:06:30 AM	2	1	0	1
8:06:45 AM	2	2	2	4
8:07:00 AM	2	2	2	4
8:07:15 AM	0	0	0	0
8:07:30 AM	1	1	0	1
8:07:45 AM	2	1	0	1
8:08:00 AM	0	1	0	1
8:08:15 AM	2	2	2	4
8:08:30 AM	0	0	0	0
8:08:45 AM	1	1	0	1
8:09:00 AM	2	0	0	0
8:09:15 AM	2	0	0	0
8:09:30 AM	0	1	3	4
8:09:45 AM	0	0	0	0
8:10:00 AM	0	0	0	0
8:10:15 AM	0	0	1	1
8:10:30 AM	0	0	0	0
8:10:45 AM	0	2	2	4
8:11:00 AM	2	1	1	2
8:11:15 AM	0	0	0	0
8:11:30 AM	2	0	0	0
8:11:45 AM	2	0	0	0
8:12:00 AM	2	2	2	4
8:12:15 AM	1	2	1	3
8:12:30 AM	0	0	0	0
8:12:45 AM	1	1	0	1
8:13:00 AM	1	0	0	0
8:13:15 AM	1	0	0	0
8:13:30 AM	2	2	3	5
8:13:45 AM	1	2	1	3

File Name: Railroad @ Montauk Highway Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 2

EB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
8:14:00 AM	1	0	0	0
8:14:15 AM	1	0	0	0
8:14:30 AM	1	0	0	0
8:14:45 AM	1	1	1	2
8:15:00 AM	0	0	0	0
8:15:15 AM	0	0	0	0
Grand Total	62	43	32	75
Total %		57.3	42.7	

First Sample:	8:00:00 AM
Last Sample:	8:15:15 AM
Sample Rate:	15 Seconds
Number of Samples:	62
Elapsed Time:	0 Hours, 15 Minutes, 30 Seconds
Number Stopped:	62
Approach Volume -Stopped:	43
-Through:	32
Approach Total:	75
Total Delay:	930 Seconds
Control Delay Multiplier:	1.3
Control Delay:	28.1 Seconds
Avg. Delay per Stopped vehicle:	21.6 Seconds
Avg. Delay per Approach vehicle:	12.4 Seconds
Percent of Vehicles Stopped:	57.3%

File Name: Railroad @ Montauk Highway - Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 1

EB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
5:00:00 PM	2	2	0	2
5:00:15 PM	0	0	0	0
5:00:30 PM	0	1	0	1
5:00:45 PM	0	1	1	2
5:01:00 PM	0	0	2	2
5:01:15 PM	4	1	5	6
5:01:30 PM	3	3	1	4
5:01:45 PM	5	2	0	2
5:02:00 PM	3	0	2	2
5:02:15 PM	2	3	4	7
5:02:30 PM	0	2	3	5
5:02:45 PM	3	2	2	4
5:03:00 PM	3	4	2	6
5:03:15 PM	8	5	0	5
5:03:30 PM	10	2	0	2
5:03:45 PM	1	0	2	2
5:04:00 PM	1	2	2	4
5:04:15 PM	0	1	4	5
5:04:30 PM	2	5	3	8
5:04:45 PM	5	3	0	3
5:05:00 PM	7	2	0	2
5:05:15 PM	3	1	3	4
5:05:30 PM	4	2	2	4
5:05:45 PM	4	3	3	6
5:06:00 PM	3	3	2	5
5:06:15 PM	3	3	0	3
5:06:30 PM	3	0	0	0
5:06:45 PM	2	3	3	6
5:07:00 PM	6	4	2	6
5:07:15 PM	2	4	2	6
5:07:30 PM	2	5	4	9
5:07:45 PM	4	1	2	3
5:08:00 PM	4	2	0	2
5:08:15 PM	6	2	0	2
5:08:30 PM	2	3	2	5
5:08:45 PM	1	3	3	6
5:09:00 PM	0	1	5	6
5:09:15 PM	3	2	2	4
5:09:30 PM	7	4	0	4
5:09:45 PM	4	2	5	7
5:10:00 PM	2	1	5	6
5:10:15 PM	6	2	1	3
5:10:30 PM	6	5	1	6
5:10:45 PM	6	3	3	6
5:11:00 PM	3	1	0	1
5:11:15 PM	6	2	0	2
5:11:30 PM	3	1	2	3
5:11:45 PM	3	3	3	6
5:12:00 PM	4	3	3	6
5:12:15 PM	3	4	4	8
5:12:30 PM	3	2	0	2
5:12:45 PM	4	1	0	1
5:13:00 PM	4	3	0	3
5:13:15 PM	2	1	3	4
5:13:30 PM	4	4	4	8
5:13:45 PM	8	3	3	6
5:14:00 PM	8	5	2	7

File Name: Railroad @ Montauk Highway - Intersection Delay

Site Code: 00000000

Start Date: 6/6/2018

Page No: 2

EB

Start Time	Stopped at End of Interval	Stopped	Through	Total Volume
5:14:15 PM	7	2	0	2
5:14:30 PM	6	2	2	4
5:14:45 PM	6	4	3	7
Grand Total	216	141	112	253
Total %		55.7	44.3	

First Sample:	5:00:00 PM
Last Sample:	5:14:45 PM
Sample Rate:	15 Seconds
Number of Samples:	60
Elapsed Time:	0 Hours, 15 Minutes, 0 Seconds
Number Stopped:	216
Approach Volume -Stopped:	141
-Through:	112
Approach Total:	253
Total Delay:	3240 Seconds
Control Delay Multiplier:	1.3
Control Delay:	29.9 Seconds
Avg. Delay per Stopped vehicle:	23.0 Seconds
Avg. Delay per Approach vehicle:	12.8 Seconds
Percent of Vehicles Stopped:	55.7%

Level of Service Tables: Calibrated Model

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis - With Calibration

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.6	C	23.4	C	25.6	D
	NB 1	9.1	A	9.1	A	9.2	A
Lakeland Avenue #1 & Chester	EB 1	19.5	C	20.3	C	21.1	C
	NB 1	0.1	A	0.1	A	0.1	A
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	12.7	B	12.8	B	12.9	B
	WB 1	13.9	B	14.2	B	14.1	B
	NB 1	0.8	A	0.8	A	0.8	A
	SB 1	0.3	A	0.3	A	0.3	A
Railroad Avenue #1 & Depot Street	EB 1	10.7	B	10.8	B	10.9	B
	NB 1	8.5	A	8.5	A	8.5	A
Railroad Avenue #1 & Hiddink Street	WB 1	10.6	B	10.7	B	10.7	B
	NB 1	0		0		0	
	SB 1	3.1	A	3.1	A	3.1	A
Railroad Avenue #1 & Center	EB 1	12.7	B	12.8	B	12.9	B
	NB 1	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk	EB 1	2.1	A	2.2	A	2.2	A
	WB 1	0	A	0	A	0	A
	NB 1	10.6	B	10.6	B	10.6	B
	SB 1	20.3	C	21.1	C	21.1	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	9.5	A	9.5	A	9.5	A
Bohemia Pkwy. & Terry Road	EB 1	0.3	A	0.3	A	0.3	A
	WB 1	0		0		0	
	NB 1	11.3	B	11.4	B	11.3	B
St. Johns Street & Terry Road	EB 1	0		0		0	
	WB 1	0		0		0	
	NB 1	10.5	B	10.6	B	10.6	B
Terry Road & Sterling Place	EB 1	7.9	A	8	A	8	A
	WB 1	8.2	A	8.2	A	8.2	A
	SB 1	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	9.6	A	9.7	A	9.7	A
Cherry Avenue & Tariff Street/Terry Road	EB 1	8.2	A	8.2	A	8.2	A
	WB 1	10.6	B	10.7	B	10.7	B
	NB 1	9.5	A	9.5	A	9.5	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis - With Calibration

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS
Tariff Street/Terry Road & Chester Road	EB 1	2.1	A	2.1	A	2.1	A
	WB 1	0		0		0	
	SB 1	10.1	B	10.1	B	10.1	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0	
	EB 2	0		0		0	
	NB 1	8.9	A	9	A	8.9	A
Bohemia Pkwy. & 11th Street	WB 1	9	A	9	A	9	A
	NB 1	0		0		0	
	SB 1	2.4	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB 1	8.8	A	8.8	A	8.8	A
	NB 1	0		0		0	
	SB 1	1	A	1	A	1	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A
	NB 1	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB 1	8.4	A	8.5	A	8.5	A
	WB 1	8.6	A	8.7	A	8.7	A
	NB 1	8.7	A	8.7	A	8.7	A
	SB 1	8.9	A	9	A	9	A
Site Access & 11th Street	EB 1	0		0		0	
	WB 1	0		0		0	
	NB 1	0	A	0	A	0	A
Terry Road & Site Access	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	0	A	0	A	0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis - With Calibration

Level of Service Summary Table

		PM School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.5	C	23.2	C	24.9	C
	NB 1	10.3	B	10.4	B	10.6	B
Lakeland Avenue #1 & Chester	EB 1	32.7	D	36	E	45.9	E
	NB 1	0.2	A	0.2	A	0.2	A
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	20.1	C	20.4	C	20.8	C
	WB 1	20.4	C	21.5	C	21.4	C
	NB 1	0.2	A	0.2	A	0.2	A
	SB 1	0.5	A	0.5	A	0.5	A
Railroad Avenue #1 & Depot Street	EB 1	21.4	C	22.3	C	22.5	C
	NB 1	3.8	A	3.9	A	3.9	A
Railroad Avenue #1 & Hiddink Street	WB 1	18.9	C	19.5	C	19.4	C
	NB 1	0		0		0	
	SB 1	4.2	A	4.3	A	4.2	A
Railroad Avenue #1 & Center	EB 1	34	D	36.3	E	36.3	E
	NB 1	2.1	A	2.1	A	2.1	A
Shopping Center/Greeley Avenue & Montauk	EB 1	2.3	A	2.4	A	2.4	A
	WB 1	0.3	A	0.3	A	0.3	A
	NB 1	62.1	F	70.4	F	69.7	F
	SB 1	19.2	C	19.9	C	19.8	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	9.2	A	9.2	A	9.2	A
Bohemia Pkwy. & Terry Road	EB 1	0.2	A	0.2	A	0.2	A
	WB 1	0.1	A	0	A	0	A
	NB 1	11.8	B	11.9	B	11.9	B
St. Johns Street & Terry Road	EB 1	0		0		0	
	WB 1	0	A	0	A	0	A
	NB 1	11.2	B	11.3	B	11.3	B
Terry Road & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A
	WB 1	8.2	A	8.3	A	8.3	A
	SB 1	7.4	A	7.4	A	7.4	A
Terry Road & Carrie Avenue	EB 1	0	A	0	A	0	A
	WB 1	0		0		0	
	SB 1	9.9	A	9.9	A	9.9	A
Cherry Avenue & Tariff Street/Terry Road	EB 1	9.8	A	9.9	A	9.9	A
	WB 1	12.3	B	12.5	B	12.5	B
	NB 1	11.1	B	11.3	B	11.3	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis - With Calibration

Level of Service Summary Table

		PM School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS
Tariff Street/Terry Road & Chester Road	EB 1	1.9	A	1.9	A	1.9	A
	WB 1	0		0		0	
	SB 1	11.2	B	11.3	B	11.3	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0	
	EB 2	0		0		0	
	NB 1	10	A	10	A	10	A
Bohemia Pkwy. & 11th Street	WB 1	9.1	A	9.1	A	9.1	A
	NB 1	0		0		0	
	SB 1	2.4	A	2.3	A	2.4	A
Carrie Avenue & Marion Street	WB 1	8.7	A	8.8	A	8.7	A
	NB 1	0		0		0	
	SB 1	1.4	A	1.3	A	1.4	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A
	NB 1	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB 1	12	B	12.2	B	12.2	B
	WB 1	10.1	B	10.2	B	10.2	B
	NB 1	11.3	B	11.5	B	11.5	B
	SB 1	12.9	B	13.3	B	13.2	B
Site Access & 11th Street	EB 1	0		0		0	
	WB 1	0		0		0	
	NB 1	0	A	0	A	0	A
Terry Road & Site Access	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	0	A	0	A	0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build with OPD Phase 2		Build Phase 2 with OPD	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.6	C	23.4	C	29.5	D
	NB 1	9.1	A	9.1	A	9.3	A
Lakeland Avenue #1 & Chester Road	EB 1	19.5	C	20.3	C	21.7	C
	NB 1	0.1	A	0.1	A	0.1	A
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	12.7	B	12.9	B	13.1	B
	WB 1	13.9	B	14.3	B	14.4	B
	NB 1	0.8	A	0.8	A	0.8	A
	SB 1	0.3	A	0.3	A	0.2	A
Railroad Avenue #1 & Depot Street	EB 1	10.7	B	10.9	B	11	B
	NB 1	8.5	A	8.5	A	8.6	A
Railroad Avenue #1 & Hiddink Street	WB 1	10.6	B	10.7	B	10.8	B
	NB 1	0		0		0	
	SB 1	3.1	A	3.1	A	3.1	A
Railroad Avenue #1 & Center Street	EB 1	12.7	B	12.9	B	13	B
	NB 1	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB 1	2.1	A	2.2	A	2.2	A
	WB 1	0	A	0	A	0	A
	NB 1	10.6	B	10.7	B	10.6	B
	SB 1	20.3	C	21.6	C	21.7	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	9.5	A	9.5	A	9.5	A
Bohemia Pkwy. & Terry Road	EB 1	0.3	A	0.3	A	0.3	A
	WB 1	0		0		0	
	NB 1	11.3	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB 1	0		0		0	
	WB 1	0		0		0	
	NB 1	10.5	B	10.6	B	10.6	B
Terry Road & Sterling Place	EB 1	7.9	A	8	A	8	A
	WB 1	8.2	A	8.2	A	8.2	A
	SB 1	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	9.6	A	9.7	A	9.7	A
Cherry Avenue & Tariff Street/Terry Road	EB 1	8.2	A	8.2	A	8.3	A
	WB 1	10.6	B	10.7	B	10.7	B
	NB 1	9.5	A	9.5	A	9.6	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build with OPD Phase 2		Build Phase 2 with OPD	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS
Tariff Street/Terry Road & Chester Road	EB 1	2.1	A	2.1	A	2.1	A
	WB 1	0		0		0	
	SB 1	10.1	B	10.1	B	10.1	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0	
	EB 2	0		0		0	
	NB 1	8.9	A	9	A	8.9	A
Bohemia Pkwy. & 11th Street	WB 1	9	A	9	A	9	A
	NB 1	0		0		0	
	SB 1	2.4	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB 1	8.8	A	8.8	A	8.8	A
	NB 1	0		0		0	
	SB 1	1	A	1	A	1	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A
	NB 1	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB 1	8.4	A	8.5	A	8.5	A
	WB 1	8.6	A	8.7	A	8.7	A
	NB 1	8.7	A	8.7	A	8.8	A
	SB 1	8.9	A	9	A	9	A
Site Access & 11th Street	EB 1	0		0		0	
	WB 1	0		0		0	
	NB 1	0	A	0	A	0	A
Terry Road & Site Access	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	0	A	0	A	10.6	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak					
Intersections		Existing		No Build with OPD Phase 2		Build Phase 2 with OPD	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.5	C	23.2	C	27.6	D
	NB 1	10.3	B	10.4	B	11.1	B
Lakeland Avenue #1 & Chester Road	EB 1	32.7	D	36	E	50.2	F
	NB 1	0.2	A	0.2	A	0.2	A
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	20.1	C	21.2	C	21.6	C
	WB 1	20.4	C	22.2	C	22.4	C
	NB 1	0.2	A	0.2	A	0.2	A
	SB 1	0.5	A	0.5	A	0.6	A
Railroad Avenue #1 & Depot Street	EB 1	21.4	C	22.8	C	23.7	C
	NB 1	3.8	A	3.9	A	4	A
Railroad Avenue #1 & Hiddink Street	WB 1	18.9	C	19.9	C	20.5	C
	NB 1	0		0		0	
	SB 1	4.2	A	4.3	A	4.3	A
Railroad Avenue #1 & Center Street	EB 1	34	D	37.3	E	37.9	E
	NB 1	2.1	A	2.1	A	2.1	A
Shopping Center/Greeley Avenue & Montauk Highway	EB 1	2.3	A	2.5	A	2.6	A
	WB 1	0.3	A	0.3	A	0.3	A
	NB 1	62.1	F	79.4	F	81.3	F
	SB 1	19.2	C	20.5	C	20.6	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	9.2	A	9.2	A	9.2	A
Bohemia Pkwy. & Terry Road	EB 1	0.2	A	0.2	A	0.2	A
	WB 1	0.1	A	0	A	0	A
	NB 1	11.8	B	11.9	B	11.9	B
St. Johns Street & Terry Road	EB 1	0		0		0	
	WB 1	0	A	0	A	0	A
	NB 1	11.2	B	11.3	B	11.3	B
Terry Road & Sterling Place	EB 1	8.8	A	8.8	A	8.9	A
	WB 1	8.2	A	8.3	A	8.3	A
	SB 1	7.4	A	7.4	A	7.4	A
Terry Road & Carrie Avenue	EB 1	0	A	0	A	0	A
	WB 1	0		0		0	
	SB 1	9.9	A	9.9	A	10	A
Cherry Avenue & Tariff Street/Terry Road	EB 1	9.8	A	9.9	A	10	A
	WB 1	12.3	B	12.5	B	12.6	B
	NB 1	11.1	B	11.3	B	11.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak					
Intersections		Existing		No Build with OPD Phase 2		Build Phase 2 with OPD	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS
Tariff Street/Terry Road & Chester Road	EB 1	1.9	A	1.9	A	1.9	A
	WB 1	0		0		0	
	SB 1	11.2	B	11.3	B	11.3	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0	
	EB 2	0		0		0	
	NB 1	10	A	10	A	10	B
Bohemia Pkwy. & 11th Street	WB 1	9.1	A	9.1	A	9.1	A
	NB 1	0		0		0	
	SB 1	2.4	A	2.3	A	2.4	A
Carrie Avenue & Marion Street	WB 1	8.7	A	8.8	A	8.7	A
	NB 1	0		0		0	
	SB 1	1.4	A	1.3	A	1.4	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A
	NB 1	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB 1	12	B	12.2	B	12.4	B
	WB 1	10.1	B	10.2	B	10.3	B
	NB 1	11.3	B	11.5	B	11.6	B
	SB 1	12.9	B	13.3	B	13.4	B
Site Access & 11th Street	EB 1	0		0		0	
	WB 1	0		0		0	
	NB 1	0	A	0	A	0	A
Terry Road & Site Access	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	0	A	0	A	11.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build Phase 3 with OPD		Build Phase 3 with OPD	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.6	C	23.8	C	33.6	D
	NB 1	9.1	A	9.2	A	9.4	A
Lakeland Avenue #1 & Chester Road	EB 1	19.5	C	20.7	C	23	C
	NB 1	0.1	A	0.1	A	0.1	A
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	12.7	B	12.9	B	13.3	B
	WB 1	13.9	B	14.4	B	14.8	B
	NB 1	0.8	A	0.8	A	0.8	A
	SB 1	0.3	A	0.3	A	0.2	A
Railroad Avenue #1 & Depot Street	EB 1	10.7	B	10.9	B	11.2	B
	NB 1	8.5	A	8.6	A	8.6	A
Railroad Avenue #1 & Hiddink Street	WB 1	10.6	B	10.8	B	10.8	B
	NB 1	0		0		0	
	SB 1	3.1	A	3.1	A	3.2	A
Railroad Avenue #1 & Center Street	EB 1	12.7	B	13	B	13.1	B
	NB 1	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB 1	2.1	A	2.2	A	2.3	A
	WB 1	0	A	0	A	0	A
	NB 1	10.6	B	10.7	B	10.7	B
	SB 1	20.3	C	21.9	C	22.1	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	9.5	A	9.6	A	9.6	A
Bohemia Pkwy. & Terry Road	EB 1	0.3	A	0.3	A	0.3	A
	WB 1	0		0		0	
	NB 1	11.3	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB 1	0		0		0	
	WB 1	0		0		0	
	NB 1	10.5	B	10.6	B	10.6	B
Terry Road & Sterling Place	EB 1	7.9	A	8	A	8	A
	WB 1	8.2	A	8.2	A	8.3	A
	SB 1	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	9.6	A	9.7	A	9.7	A
Cherry Avenue & Tariff Street/Terry Road	EB 1	8.2	A	8.2	A	8.3	A
	WB 1	10.6	B	10.8	B	10.9	B
	NB 1	9.5	A	9.6	A	9.7	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build Phase 3 with OPD		Build Phase 3 with OPD	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS
Tariff Street/Terry Road & Chester Road	EB 1	2.1	A	2.1	A	2.1	A
	WB 1	0		0		0	
	SB 1	10.1	B	10.1	B	10.2	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0	
	EB 2	0		0		0	
	NB 1	8.9	A	9	A	9.2	A
Bohemia Pkwy. & 11th Street	WB 1	9	A	9	A	9	A
	NB 1	0		0		0	
	SB 1	2.4	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB 1	8.8	A	8.8	A	8.8	A
	NB 1	0		0		0	
	SB 1	1	A	1	A	1	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A
	NB 1	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB 1	8.4	A	8.5	A	8.5	A
	WB 1	8.6	A	8.7	A	8.7	A
	NB 1	8.7	A	8.8	A	8.8	A
	SB 1	8.9	A	9	A	9	A
Site Access & 11th Street	EB 1	0		0		0	
	WB 1	0		0		3.4	A
	NB 1	0	A	0	A	9	A
Terry Road & Site Access	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	0	A	0	A	10.6	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak					
Intersections		Existing		No Build Phase 3 with OPD		Build Phase 3 with OPD	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.5	C	23.6	C	29.6	D
	NB 1	10.3	B	10.5	B	11.3	B
Lakeland Avenue #1 & Chester Road	EB 1	32.7	D	37.4	E	65.3	F
	NB 1	0.2	A	0.2	A	0.2	A
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	20.1	C	21.5	C	22.4	C
	WB 1	20.4	C	22.5	C	23.9	C
	NB 1	0.2	A	0.2	A	0.2	A
	SB 1	0.5	A	0.5	A	0.6	A
Railroad Avenue #1 & Depot Street	EB 1	21.4	C	23	C	25	D
	NB 1	3.8	A	4	A	4	A
Railroad Avenue #1 & Hiddink Street	WB 1	18.9	C	20.5	C	21	C
	NB 1	0		0		0	
	SB 1	4.2	A	4.3	A	4.4	A
Railroad Avenue #1 & Center Street	EB 1	34	D	38.6	E	39.2	E
	NB 1	2.1	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB 1	2.3	A	2.6	A	2.6	A
	WB 1	0.3	A	0.3	A	0.3	A
	NB 1	62.1	F	84	F	86.2	F
	SB 1	19.2	C	20.7	C	20.9	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	9.2	A	9.2	A	9.2	A
Bohemia Pkwy. & Terry Road	EB 1	0.2	A	0.2	A	0.2	A
	WB 1	0.1	A	0	A	0	A
	NB 1	11.8	B	11.9	B	12	B
St. Johns Street & Terry Road	EB 1	0		0		0	
	WB 1	0	A	0	A	0	A
	NB 1	11.2	B	11.3	B	11.3	B
Terry Road & Sterling Place	EB 1	8.8	A	8.8	A	8.9	A
	WB 1	8.2	A	8.3	A	8.3	A
	SB 1	7.4	A	7.4	A	7.4	A
Terry Road & Carrie Avenue	EB 1	0	A	0	A	0	A
	WB 1	0		0		0	
	SB 1	9.9	A	9.9	A	10	A
Cherry Avenue & Tariff Street/Terry Road	EB 1	9.8	A	10	A	9.3	A
	WB 1	12.3	B	12.6	B	11.6	B
	NB 1	11.1	B	11.4	B	9.2	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak					
Intersections		Existing		No Build Phase 3 with OPD		Build Phase 3 with OPD	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS
Tariff Street/Terry Road & Chester Road	EB 1	1.9	A	1.9	A	1.9	A
	WB 1	0		0		0	
	SB 1	11.2	B	11.4	B	11.4	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0	
	EB 2	0		0		0	
	NB 1	10	A	10	B	10.2	B
Bohemia Pkwy. & 11th Street	WB 1	9.1	A	9.2	A	9.1	A
	NB 1	0		0		0	
	SB 1	2.4	A	2.3	A	2.4	A
Carrie Avenue & Marion Street	WB 1	8.7	A	8.8	A	8.7	A
	NB 1	0		0		0	
	SB 1	1.4	A	1.3	A	1.4	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A
	NB 1	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB 1	12	B	12.4	B	12.5	B
	WB 1	10.1	B	10.3	B	10.3	B
	NB 1	11.3	B	11.6	B	11.7	B
	SB 1	12.9	B	13.4	B	13.5	B
Site Access & 11th Street	EB 1	0		0		0	
	WB 1	0		0		3.9	A
	NB 1	0	A	0	A	9.8	A
Terry Road & Site Access	EB 1	0		0		0	
	WB 1	0		0		0	
	SB 1	0	A	0	A	11.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4 with OPD		Build Phase 4 with OPD		Build Phase 4 with OPD with Mitigation	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.6	C	24.2	C	37.7	E	37.3	E
	NB 1	9.1	A	9.2	A	9.5	A	9.5	A
Lakeland Avenue #1 & Chester	EB 1	19.5	C	21	C	23.5	C	23.4	C
	NB 1	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue #1 & LIRR North Parking	EB 1	12.7	B	13.1	B	13.5	B	13.5	B
	WB 1	13.9	B	14.4	B	15	C	15	C
	NB 1	0.8	A	0.8	A	0.8	A	0.8	A
	SB 1	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue #1 & Depot	EB 1	10.7	B	10.9	B	11.4	B	11.4	B
	NB 1	8.5	A	8.6	A	8.7	A	2.6	A
Railroad Avenue #1 & Hiddink Street	WB 1	10.6	B	10.8	B	10.9	B	10.9	B
	NB 1	0		0		0		0	
	SB 1	3.1	A	3.1	A	3.2	A	3.2	A
Railroad Avenue #1 & Center	EB 1	12.7	B	13.1	B	13.3	B	13.3	B
	NB 1	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk	EB 1	2.1	A	2.3	A	2.3	A	2.3	A
	WB 1	0	A	0	A	0	A	0	A
	NB 1	10.6	B	10.7	B	10.7	B	10.7	B
	SB 1	20.3	C	22.2	C	22.7	C	22.7	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.5	A	9.6	A	9.7	A	9.7	A
Bohemia Pkwy. & Terry Road	EB 1	0.3	A	0.3	A	0.3	A	0.3	A
	WB 1	0		0		0		0	
	NB 1	11.3	B	11.4	B	11.6	B	11.6	B
St. Johns Street & Terry Road	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	NB 1	10.5	B	10.6	B	10.8	B	10.8	B
Terry Road & Sterling Place	EB 1	7.9	A	8	A	8.1	A	8.1	A
	WB 1	8.2	A	8.3	A	8.3	A	8.3	A
	SB 1	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.6	A	9.7	A	9.8	A	9.8	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4 with OPD		Build Phase 4 with OPD		Build Phase 4 with OPD with Mitigation	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry	EB 1	8.2	A	8.3	A	8.5	A	8.5	A
	WB 1	10.6	B	10.8	B	11.1	B	11.1	B
	NB 1	9.5	A	9.6	A	9.8	A	9.8	A
Tariff Street/Terry Road & Chester	EB 1	2.1	A	2.1	A	2	A	2	A
	WB 1	0		0		0		0	
	SB 1	10.1	B	10.2	B	10.2	B	10.2	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0		0	
	EB 2	0		0		0		0	
	NB 1	8.9	A	9	A	9.4	A	9.4	A
Bohemia Pkwy. & 11th Street	WB 1	9	A	9.1	A	9	A	9	A
	NB 1	0		0		0		0	
	SB 1	2.4	A	2.4	A	4.5	A	4.5	A
Carrie Avenue & Marion Street	WB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	0		0		0		0	
	SB 1	1	A	1	A	1	A	1	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB 1	8.4	A	8.5	A	8.6	A	8.6	A
	WB 1	8.6	A	8.8	A	8.8	A	8.8	A
	NB 1	8.7	A	8.8	A	8.8	A	8.8	A
	SB 1	8.9	A	9	A	9	A	9	A
Site Access & 11th Street	EB 1	0		0		0		0	
	WB 1	0		0		4	A	4	A
	NB 1	0	A	0	A	9.3	A	9.3	A
Terry Road & Site Access	EB 1	0		0		0.3	A	0.3	A
	WB 1	0		0		0		0	
	SB 1	0	A	0	A	10.3	B	10.3	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 4 with OPD		Build Phase 4 with OPD		Build Phase 4 with OPD with Mitigation	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.5	C	24.2	C	30.7	D	30.3	D
	NB 1	10.3	B	10.6	B	11.5	B	11.5	B
Lakeland Avenue #1 & Chester	EB 1	32.7	D	39.5	E	70.7	F	61.3	F
	NB 1	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	20.1	C	21.7	C	23.1	C	23.1	C
	WB 1	20.4	C	22.9	C	24.9	C	24.9	C
	NB 1	0.2	A	0.2	A	0.2	A	0.2	A
	SB 1	0.5	A	0.6	A	0.6	A	0.6	A
Railroad Avenue #1 & Depot	EB 1	21.4	C	23.6	C	26.6	D	26.6	D
	NB 1	3.8	A	4	A	4	A	4	A
Railroad Avenue #1 & Hiddink Street	WB 1	18.9	C	20.8	C	21.5	C	21.5	C
	NB 1	0		0		0		0	
	SB 1	4.2	A	4.4	A	4.5	A	4.5	A
Railroad Avenue #1 & Center	EB 1	34	D	38.9	E	39.8	E	39.8	E
	NB 1	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk	EB 1	2.3	A	2.6	A	2.7	A	2.7	A
	WB 1	0.3	A	0.3	A	0.3	A	0.3	A
	NB 1	62.1	F	102.7	F	89.7	F	89.7	F
	SB 1	19.2	C	21	C	21.2	C	21.2	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.2	A	9.2	A	9.3	A	9.3	A
Bohemia Pkwy. & Terry Road	EB 1	0.2	A	0.2	A	0.2	A	0.2	A
	WB 1	0.1	A	0	A	0	A	0	A
	NB 1	11.8	B	12	B	12.3	B	12.3	B
St. Johns Street & Terry Road	EB 1	0		0		0		0	
	WB 1	0	A	0	A	0	A	0	A
	NB 1	11.2	B	11.3	B	11.5	B	11.5	B
Terry Road & Sterling Place	EB 1	8.8	A	8.9	A	9	A	9	A
	WB 1	8.2	A	8.3	A	8.4	A	8.4	A
	SB 1	7.4	A	7.4	A	7.5	A	7.5	A
Terry Road & Carrie Avenue	EB 1	0	A	0	A	0	A	0	A
	WB 1	0		0		0		0	
	SB 1	9.9	A	10	A	10.1	B	10.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 4 with OPD		Build Phase 4 with OPD		Build Phase 4 with OPD with Mitigation	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry	EB 1	9.8	A	10	B	10.3	B	10.3	B
	WB 1	12.3	B	12.7	B	13.3	B	13.3	B
	NB 1	11.1	B	11.5	B	12	B	12	B
Tariff Street/Terry Road & Chester	EB 1	1.9	A	1.9	A	1.9	A	1.9	A
	WB 1	0		0		0		0	
	SB 1	11.2	B	11.4	B	11.6	B	11.6	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0		0	
	EB 2	0		0		0		0	
	NB 1	10	A	10	B	10.3	B	10.3	B
Bohemia Pkwy. & 11th Street	WB 1	9.1	A	9.2	A	9.2	A	9.2	A
	NB 1	0		0		0		0	
	SB 1	2.4	A	2.3	A	4.5	A	4.5	A
Carrie Avenue & Marion Street	WB 1	8.7	A	8.8	A	8.7	A	8.7	A
	NB 1	0		0		0		0	
	SB 1	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB 1	12	B	12.5	B	12.7	B	12.7	B
	WB 1	10.1	B	10.3	B	10.4	B	10.4	B
	NB 1	11.3	B	11.7	B	11.9	B	11.9	B
	SB 1	12.9	B	13.6	B	13.8	B	13.8	B
Site Access & 11th Street	EB 1	0		0		0		0	
	WB 1	0		0		4.6	A	4.6	A
	NB 1	0	A	0	A	10.4	B	10.4	B
Terry Road & Site Access	EB 1	0		0		0.5	A	0.5	A
	WB 1	0		0		0		0	
	SB 1	0	A	0	A	10.5	B	10.5	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 5 with OPD		Build Phase 5 with OPD		Build Phase 5 with OPD with Mitigation	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.6	C	24.2	C	39.6	E	39	E
	NB 1	9.1	A	9.2	A	9.5	A	9.5	A
Lakeland Avenue #1 & Chester Road	EB 1	19.5	C	21	C	24	C	23.9	C
	NB 1	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	12.7	B	13.2	B	14.4	B	13.5	B
	WB 1	13.9	B	14.5	B	16.7	C	15.2	C
	NB 1	0.8	A	0.8	A	0.8	A	0.8	A
	SB 1	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue #1 & Depot Street	EB 1	10.7	B	11	B	11.5	B	11.5	B
	NB 1	8.5	A	8.6	A	8.7	A	2.6	A
Railroad Avenue #1 & Hiddink Street	WB 1	10.6	B	10.8	B	10.9	B	10.9	B
	NB 1	0		0		0		0	
	SB 1	3.1	A	3.1	A	3.2	A	3.2	A
Railroad Avenue #1 & Center Street	EB 1	12.7	B	13.1	B	13.4	B	13.4	B
	NB 1	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB 1	2.1	A	2.3	A	2.3	A	2.3	A
	WB 1	0	A	0	A	0	A	0	A
	NB 1	10.6	B	10.7	B	10.8	B	10.8	B
	SB 1	20.3	C	22.4	C	23	C	23	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.5	A	9.6	A	9.8	A	9.8	A
Bohemia Pkwy. & Terry Road	EB 1	0.3	A	0.3	A	0.2	A	0.2	A
	WB 1	0		0		0		0	
	NB 1	11.3	B	11.4	B	12.1	B	12.1	B
St. Johns Street & Terry Road	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	NB 1	10.5	B	10.6	B	11	B	11	B
Terry Road & Sterling Place	EB 1	7.9	A	8	A	8.2	A	8.2	A
	WB 1	8.2	A	8.3	A	8.4	A	8.4	A
	SB 1	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.6	A	9.7	A	9.8	A	9.8	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 5 with OPD		Build Phase 5 with OPD		Build Phase 5 with OPD with Mitigation	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB 1	8.2	A	8.3	A	8.6	A	8.6	A
	WB 1	10.6	B	10.8	B	11.2	B	11.2	B
	NB 1	9.5	A	9.6	A	9.9	A	9.9	A
Tariff Street/Terry Road & Chester Road	EB 1	2.1	A	2.1	A	2	A	2	A
	WB 1	0		0		0		0	
	SB 1	10.1	B	10.2	B	10.3	B	10.3	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0		0	
	EB 2	0		0		0		0	
	NB 1	8.9	A	9	A	9.3	A	9.3	A
Bohemia Pkwy. & 11th Street	WB 1	9	A	9.1	A	9.1	A	9.1	A
	NB 1	0		0		0		0	
	SB 1	2.4	A	2.4	A	4.5	A	4.5	A
Carrie Avenue & Marion Street	WB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	0		0		0		0	
	SB 1	1	A	1	A	1	A	1	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB 1	8.4	A	8.5	A	8.6	A	8.6	A
	WB 1	8.6	A	8.8	A	8.8	A	8.8	A
	NB 1	8.7	A	8.8	A	8.8	A	8.8	A
	SB 1	8.9	A	9	A	9.1	A	9.1	A
Site Access & 11th Street	EB 1	0		0		0		0	
	WB 1	0		0		4.4	A	4.4	A
	NB 1	0	A	0	A	9.4	A	9.4	A
Terry Road & Site Access	EB 1	0		0		0.7	A	0.7	A
	WB 1	0		0		0		0	
	SB 1	0	A	0	A	10.5	B	10.5	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 5 with OPD		Build Phase 5 with OPD		Build Phase 5 with OPD with Mitigation	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.5	C	24.2	C	31.3	D	30.7	D
	NB 1	10.3	B	10.6	B	11.7	B	11.7	B
Lakeland Avenue #1 & Chester Road	EB 1	32.7	D	39.5	E	75.9	F	68.1	F
	NB 1	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	20.1	C	22	C	23.9	C	23.9	C
	WB 1	20.4	C	23.2	C	25.9	D	25.9	D
	NB 1	0.2	A	0.2	A	0.2	A	0.2	A
	SB 1	0.5	A	0.6	A	0.6	A	0.6	A
Railroad Avenue #1 & Depot Street	EB 1	21.4	C	23.8	C	28.2	D	28.2	D
	NB 1	3.8	A	4	A	4.1	A	4.1	A
Railroad Avenue #1 & Hiddink Street	WB 1	18.9	C	21	C	22	C	22	C
	NB 1	0		0		0		0	
	SB 1	4.2	A	4.4	A	4.6	A	4.6	A
Railroad Avenue #1 & Center Street	EB 1	34	D	39.7	E	40.9	E	40.9	E
	NB 1	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB 1	2.3	A	2.7	A	2.8	A	2.8	A
	WB 1	0.3	A	0.3	A	0.3	A	0.3	A
	NB 1	62.1	F	107	F	95.7	F	95.7	F
	SB 1	19.2	C	21.2	C	21.5	C	21.5	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.2	A	9.2	A	9.4	A	9.4	A
Bohemia Pkwy. & Terry Road	EB 1	0.2	A	0.2	A	0.2	A	0.2	A
	WB 1	0.1	A	0	A	0	A	0	A
	NB 1	11.8	B	12	B	12.7	B	12.7	B
St. Johns Street & Terry Road	EB 1	0		0		0		0	
	WB 1	0	A	0	A	0	A	0	A
	NB 1	11.2	B	11.3	B	11.7	B	11.7	B
Terry Road & Sterling Place	EB 1	8.8	A	8.9	A	9.1	A	9.1	A
	WB 1	8.2	A	8.3	A	8.5	A	8.5	A
	SB 1	7.4	A	7.4	A	7.5	A	7.5	A
Terry Road & Carrie Avenue	EB 1	0	A	0	A	0	A	0	A
	WB 1	0		0		0		0	
	SB 1	9.9	A	10	A	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 5 with OPD		Build Phase 5 with OPD		Build Phase 5 with OPD with Mitigation	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB 1	9.8	A	10	B	10.6	B	10.6	B
	WB 1	12.3	B	12.7	B	13.8	B	13.8	B
	NB 1	11.1	B	11.5	B	12.3	B	12.3	B
Tariff Street/Terry Road & Chester Road	EB 1	1.9	A	1.9	A	1.9	A	1.9	A
	WB 1	0		0		0		0	
	SB 1	11.2	B	11.4	B	11.7	B	11.7	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0		0	
	EB 2	0		0		0		0	
	NB 1	10	A	10	B	10.5	B	10.5	B
Bohemia Pkwy. & 11th Street	WB 1	9.1	A	9.2	A	9.3	A	9.3	A
	NB 1	0		0		0		0	
	SB 1	2.4	A	2.3	A	4.5	A	4.5	A
Carrie Avenue & Marion Street	WB 1	8.7	A	8.8	A	8.7	A	8.7	A
	NB 1	0		0		0		0	
	SB 1	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB 1	12	B	12.5	B	12.7	B	12.7	B
	WB 1	10.1	B	10.3	B	10.5	B	10.5	B
	NB 1	11.3	B	11.7	B	11.9	B	11.9	B
	SB 1	12.9	B	13.6	B	13.8	B	13.8	B
Site Access & 11th Street	EB 1	0		0		0		0	
	WB 1	0		0		4.9	A	4.9	A
	NB 1	0	A	0	A	10.8	B	10.8	B
Terry Road & Site Access	EB 1	0		0		1.1	A	1.1	A
	WB 1	0		0		0		0	
	SB 1	0	A	0	A	10.4	B	10.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.6	C	25.3	D	41.8	E	15.5	C
	NB 1	9.1	A	9.3	A	9.6	A	9.6	A
Lakeland Avenue #1 & Chester Road	EB 1	19.5	C	22	C	25	D	16.1	C
	NB 1	0.1	A	0.2	A	0.1	A	0.2	A
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	12.7	B	13.6	B	13.7	B	13.7	B
	WB 1	13.9	B	15.1	C	15.5	C	15.5	C
	NB 1	0.8	A	0.8	A	0.8	A	0.8	A
	SB 1	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue #1 & Depot Street	EB 1	10.7	B	11.2	B	11.9	B	11.9	B
	NB 1	8.5	A	8.6	A	8.8	A	2.6	A
Railroad Avenue #1 & Hiddink Street	WB 1	10.6	B	11	B	11.2	B	11.2	B
	NB 1	0		0		0		0	
	SB 1	3.1	A	3.1	A	3.3	A	3.3	A
Railroad Avenue #1 & Center Street	EB 1	12.7	B	13.5	B	13.8	B	13.8	B
	NB 1	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB 1	2.1	A	2.4	A	2.4	A	2.4	A
	WB 1	0	A	0	A	0	A	0	A
	NB 1	10.6	B	11	B	11	B	11	B
	SB 1	20.3	C	23.3	C	24.1	C	24.1	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.5	A	9.6	A	9.9	A	9.9	A
Bohemia Pkwy. & Terry Road	EB 1	0.3	A	0.3	A	0.2	A	0.2	A
	WB 1	0		0		0		0	
	NB 1	11.3	B	11.5	B	12.5	B	12.5	B
St. Johns Street & Terry Road	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	NB 1	10.5	B	10.6	B	11.1	B	11.1	B
Terry Road & Sterling Place	EB 1	7.9	A	8	A	8.3	A	8.3	A
	WB 1	8.2	A	8.3	A	8.4	A	8.4	A
	SB 1	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.6	A	9.7	A	9.9	A	9.9	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB 1	8.2	A	8.3	A	8.7	A	8.7	A
	WB 1	10.6	B	10.9	B	11.3	B	11.3	B
	NB 1	9.5	A	9.7	A	10.1	B	10.1	B
Tariff Street/Terry Road & Chester Road	EB 1	2.1	A	2.1	A	1.9	A	1.9	A
	WB 1	0		0		0		0	
	SB 1	10.1	B	10.2	B	10.3	B	10.3	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0		0	
	EB 2	0		0		0		0	
	NB 1	8.9	A	9	A	9.4	A	9.4	A
Bohemia Pkwy. & 11th Street	WB 1	9	A	9.1	A	9.2	A	9.2	A
	NB 1	0		0		0		0	
	SB 1	2.4	A	2.4	A	4.6	A	4.6	A
Carrie Avenue & Marion Street	WB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	0		0		0		0	
	SB 1	1	A	1	A	1	A	1	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB 1	8.4	A	8.6	A	8.6	A	8.6	A
	WB 1	8.6	A	8.8	A	8.8	A	8.8	A
	NB 1	8.7	A	8.8	A	8.8	A	8.8	A
	SB 1	8.9	A	9.1	A	9.1	A	9.1	A
Site Access & 11th Street	EB 1	0		0		0		0	
	WB 1	0		0		4.6	A	4.6	A
	NB 1	0	A	0	A	9.5	A	9.5	A
Terry Road & Site Access	EB 1	0		0		1	A	1	A
	WB 1	0		0		0		0	
	SB 1	0	A	0	A	10.8	B	10.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.5	C	25.1	D	32.5	D	26.1	D
	NB 1	10.3	B	10.7	B	12.1	B	12	B
Lakeland Avenue #1 & Chester Road	EB 1	32.7	D	43.9	E	93.8	F	26.5	D
	NB 1	0.2	A	0.2	A	0.2	A	0.3	A
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	20.1	C	24.4	C	27.3	D	27.3	D
	WB 1	20.4	C	26.3	D	30.8	D	30.8	D
	NB 1	0.2	A	0.3	A	0.3	A	0.3	A
	SB 1	0.5	A	0.6	A	0.6	A	0.6	A
Railroad Avenue #1 & Depot Street	EB 1	21.4	C	25.8	D	31.9	D	31.9	D
	NB 1	3.8	A	4.2	A	4.3	A	4.3	A
Railroad Avenue #1 & Hiddink Street	WB 1	18.9	C	22.3	C	23.7	C	23.7	C
	NB 1	0		0		0		0	
	SB 1	4.2	A	4.5	A	4.7	A	4.7	A
Railroad Avenue #1 & Center Street	EB 1	34	D	45.1	E	46.8	E	46.8	E
	NB 1	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB 1	2.3	A	2.9	A	3	A	3	A
	WB 1	0.3	A	0.4	A	0.3	A	0.3	A
	NB 1	62.1	F	144.6	F	131.7	F	131.7	F
	SB 1	19.2	C	23	C	23.4	C	23.4	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.2	A	9.2	A	9.4	A	9.4	A
Bohemia Pkwy. & Terry Road	EB 1	0.2	A	0.2	A	0.2	A	0.2	A
	WB 1	0.1	A	0	A	0	A	0	A
	NB 1	11.8	B	12	B	13.1	B	13.1	B
St. Johns Street & Terry Road	EB 1	0		0		0		0	
	WB 1	0	A	0	A	0	A	0	A
	NB 1	11.2	B	11.4	B	11.8	B	11.8	B
Terry Road & Sterling Place	EB 1	8.8	A	8.9	A	9.2	A	9.2	A
	WB 1	8.2	A	8.3	A	8.6	A	8.6	A
	SB 1	7.4	A	7.4	A	7.6	A	7.6	A
Terry Road & Carrie Avenue	EB 1	0	A	0	A	0	A	0	A
	WB 1	0		0		0		0	
	SB 1	9.9	A	10	A	10.3	B	10.3	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB 1	9.8	A	10.1	B	10.7	B	10.7	B
	WB 1	12.3	B	12.9	B	14.1	B	14.1	B
	NB 1	11.1	B	11.6	B	12.5	B	12.5	B
Tariff Street/Terry Road & Chester Road	EB 1	1.9	A	1.9	A	1.8	A	1.8	A
	WB 1	0		0		0		0	
	SB 1	11.2	B	11.5	B	11.8	B	11.8	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0		0	
	EB 2	0		0		0		0	
	NB 1	10	A	10.1	B	10.6	B	10.6	B
Bohemia Pkwy. & 11th Street	WB 1	9.1	A	9.2	A	9.4	A	9.4	A
	NB 1	0		0		0		0	
	SB 1	2.4	A	2.3	A	4.4	A	4.4	A
Carrie Avenue & Marion Street	WB 1	8.7	A	8.8	A	8.7	A	8.7	A
	NB 1	0		0		0		0	
	SB 1	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB 1	12	B	12.7	B	12.9	B	12.9	B
	WB 1	10.1	B	10.4	B	10.5	B	10.5	B
	NB 1	11.3	B	11.8	B	12	B	12	B
	SB 1	12.9	B	13.8	B	13.9	B	13.9	B
Site Access & 11th Street	EB 1	0		0		0		0	
	WB 1	0		0		5.2	A	5.2	A
	NB 1	0	A	0	A	11.2	B	11.2	B
Terry Road & Site Access	EB 1	0		0		1.6	A	1.6	A
	WB 1	0		0		0		0	
	SB 1	0	A	0	A	10.7	B	10.7	B

Level of Service Tables: Uncalibrated Model

Level of Service Table: Phase 1 School

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	15.8	B	15.9	B	15.9	B
	WBT	65.3	E	72.4	E	71.7	E
	WBR	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.8	B	18.7	B
	NBT	7.9	A	7.9	A	7.9	A
	NBR						
	SBL						
	SBT	20.3	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A
Intersection		51.2	D	56.3	E	55.8	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.4	C
	EBT	21	C	20.9	C	20.9	C
	EBR	0.4	A	0.4	A	0.4	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	14	B	14.1	B	14.1	B
	NBR	0.1	A	0.1	A	0.1	A
	SBL	5.7	A	5.8	A	5.8	A
	SBT	5.7	A	5.7	A	5.7	A
Intersection		12.5	B	12.6	B	12.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	20.7	C	20.9	C	21	C
	WBT	70.8	E	81	F	81.3	F
	WBR	19.4	B	19.9	B	20	B
	NBL	46.5	D	46.7	D	47.5	D
	NBT	14.6	B	14.9	B	15.3	B
	NBR						
	SBL						
	SBT	35.5	D	35.6	D	35.9	D
	SBR	42.5	D	42.8	D	42.7	D
Intersection		41.6	D	45.5	D	45.6	D

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	29.7	C	30.6	C	31.7	C
	EBT	26	C	26.6	C	27.4	C
	EBR	5.5	A	5.8	A	5.9	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	33.2	C	33.4	C	33.2	C
	NBR	15.8	B	16.7	B	16.6	B
	SBL	39.4	D	39.9	D	39.8	D
	SBT	14.6	B	14.6	B	14.4	B
Intersection		24.7	C	25.2	C	25.5	C
Johnson Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	24.2	C	24.3	C	24.3	C
	WBT	127.1	F	137.1	F	135.9	F
	WBR	31.1	C	31.6	C	31.6	C
	NBL	39.4	D	39.2	D	39.1	D
	NBT	17.1	B	16.9	B	16.9	B
	NBR						
	SBL						
	SBT	19	B	19.1	B	19.1	B
	SBR	21.6	C	21.7	C	21.7	C
Intersection		75	E	80	F	79.5	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35	D	34.9	C
	EBT	19.5	B	19.5	B	19.9	B
	EBR	19.7	B	19.7	B	19.7	B
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	19.2	B	19.3	B	19.3	B
	NBR	22.9	C	23	C	23	C
	SBL	36.9	D	37	D	37.1	D
	SBT	14.4	B	14.4	B	14.4	B
Intersection		24.5	C	24.7	C	24.5	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL						
	EBT					27.3	C
	EBR					0.2	A
	WBL	31.2	C	31.2	C		
	WBT					25.6	C
	WBR	13.8	B	13.7	B	9.8	A
	NBL					2.5	A
	NBT	9.7	A	10.1	B	13.4	B
	NBR						
	SBL	2.5	A	2.5	A	3.2	A
	SBT	3.6	A	3.7	A	6.4	A
	SBR					0	A
Intersection		8.3	A	8.5	A	11.3	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.5	D	46.7	D	46.7	D
	EBT	39.8	D	39.8	D	39.7	D
	EBR						
	WBL						
	WBT	54.5	D	55.4	E	55.3	E
	WBR						
	NBL						
	NBT	19.9	B	20.3	C	20.4	C
	NBR	3.5	A	3.6	A	3.7	A
	SBL						
	SBT	19	B	19.4	B	19.5	B
Intersection		29.5	C	29.9	C	29.9	C
Lakeland Avenue & Manton Street	EBL						
	EBT	23.5	C	23.8	C	23.7	C
	EBR						
	WBL						
	WBT	13.5	B	13.5	B	13.4	B
	WBR						
	NBL						
	NBT	8	A	8.2	A	8.1	A
	NBR						
	SBL						
	SBT	7.9	A	8.1	A	8.1	A
Intersection		10.9	B	11.1	B	11	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.4	A
	EBT	1.1	A	1.1	A	1.1	A
	EBR						
	WBL						
	WBT	8.5	A	9.2	A	9.2	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	32.8	C	32.8	C	32.8	C
	SBT						
	SBR	20.7	C	22	C	22	C
Intersection		8.1	A	8.7	A	8.6	A
Montauk Highway & Cherry Avenue	EBL						
	EBT	3.3	A	3.3	A	3.3	A
	EBR						
	WBL						
	WBT	6.5	A	6.8	A	6.8	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	24.1	C	24.1	C	23.9	C
Intersection		6.7	A	6.8	A	6.8	A
Greene Avenue & Montauk Highway	EBL						
	EBT	5.4	A	5.5	A	5.5	A
	EBR						
	WBL						
	WBT	8	A	8.3	A	8.2	A
	WBR	3.2	A	3.3	A	3.2	A
	NBL	41.5	D	41.8	D	42	D
	NBT	28.7	C	28.6	C	28.5	C
	NBR						
	SBL						
	SBT	29.9	C	29.8	C	29.9	C
Intersection		12.5	B	12.7	B	12.6	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.2	B	14.1	B	14.1	B
	EBT	12.2	B	12.3	B	12.3	B
	EBR						
	WBL	12.1	B	12.2	B	12.1	B
	WBT	21	C	22.3	C	21.9	C
	WBR	4.5	A	4.7	A	4.8	A
	NBL						
	NBT	42.7	D	42.7	D	42.6	D
	NBR						
	SBL	28.1	C	28.3	C	28.3	C
	SBT	26.1	C	26.1	C	26.1	C
Intersection		21.5	C	22.2	C	22	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	20.7	C	20.4	C
	EBT	19.7	B	19.7	B	19.5	B
	EBR						
	WBL	2.7	A	2.7	A	2.8	A
	WBT	4.4	A	4.8	A	5.2	A
	WBR						
	NBL						
	NBT	28	C	28	C	28	C
	NBR						
	SBL						
	SBT	30.3	C	30.4	C	30.3	C
	SBR	0.7	A	0.7	A	0.7	A
Intersection		8.9	A	9.2	A	9.4	A
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.4	A	0.6	A	0.6	A
	EBT	1.3	A	1.3	A	1.3	A
	EBR	0.1	A	0.1	A	0.1	A
	WBL	10	A	9.3	A	11.5	B
	WBT	27.8	C	27.9	C	29.7	C
	WBR						
	NBL						
	NBT	43.1	D	44	D	44.1	D
	NBR	3.2	A	3.5	A	3.4	A
	SBL						
	SBT	18.5	B	18.5	B	18.6	B
Intersection		20.5	C	20.6	C	21.7	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL						
	EBT	39.3	D	39.5	D	33.8	C
	EBR						
	WBL						
	WBT	25.7	C	24.9	C	30	C
	WBR						
	NBL	4.4	A	4.9	A	1.5	A
	NBT	4.5	A	4.9	A	1.4	A
	NBR						
	SBL	4.7	A	4.7	A	2.3	A
	SBT	10.2	B	10.7	B	4.7	A
Intersection		11.3	B	11.7	B	4.6	A
Smithtown Avenue & Terry Road & Island Blvd.	EBL						
	EBT	15.9	B	15.8	B	15.8	B
	EBR						
	WBL						
	WBT	16.6	B	16.6	B	16.6	B
	WBR						
	NBL						
	NBT	20.2	C	20.2	C	20.1	C
	NBR						
	SBL	7.5	A	7.6	A	7.5	A
	SBT	7.5	A	7.5	A	7.4	A
	SBR						
	NWL	7.5	A	7.5	A	7.5	A
Intersection		9.8	A	9.8	A	9.7	A
Cherry Avenue & Brook Street	EBL						
	EBT	14	B	14.2	B	14.2	B
	EBR						
	WBL						
	WBT	11.4	B	11.5	B	11.5	B
	WBR						
	NBL						
	NBT	13.7	B	13.9	B	13.8	B
	NBR						
	SBL						
	SBT	12.5	B	12.6	B	12.6	B
Intersection		13.2	B	13.4	B	13.3	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.7	B	18.7	B	18.7	B
	WBT	71.5	E	78.8	E	78.4	E	78.4	E
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.5	B	17.4	B	17.4	B
	NBT	4	A	4.1	A	4.1	A	4.1	A
	NBR								
	SBL								
	SBT	20.1	C	20.1	C	20.2	C	20.2	C
	SBR	1.8	A	1.9	A	1.9	A	1.9	A
Intersection		47.6	D	52	D	51.9	D	51.9	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20	B	20	B	20	B
	EBT	21.2	C	21.2	C	21.2	C	21.2	C
	EBR	0.8	A	0.8	A	0.8	A	0.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	17.8	B	17.8	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.6	A	2.6	A	2.6	A
	SBT	2.4	A	2.5	A	2.5	A	2.5	A
Intersection		12	B	12.1	B	12	B	12	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	29.7	C	30	C	30	C
	WBT	139.7	F	150.1	F	149	F	149	F
	WBR	9.6	A	10.4	B	10.5	B	10.5	B
	NBL	46	D	45.7	D	46.1	D	49.2	D
	NBT	15.5	B	15.5	B	15.5	B	15.1	B
	NBR								
	SBL								
	SBT	67.7	E	74.4	E	77	E	70.1	E
	SBR	89.3	F	96.1	F	102.3	F	95.2	F
Intersection		78	E	83.7	F	84.5	F	82.1	F

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Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	28	C	28.3	C	28.5	C	27.7	C
	EBT	24.8	C	25	C	25.2	C	24.6	C
	EBR	6.2	A	6.9	A	8.3	A	8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.4	C	31.6	C	31.9	C
	NBR	20.5	C	21	C	21	C	21.2	C
	SBL	44.5	D	44.5	D	44.2	D	45.9	D
	SBT	28.2	C	28.1	C	27.9	C	28.4	C
Intersection		26.8	C	27	C	27.1	C	27.2	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.4	C	23.4	C	23.4	C
	WBT	76.9	E	84.8	F	84.2	F	84.2	F
	WBR	22.8	C	23	C	23	C	23	C
	NBL	30.4	C	30.4	C	30.4	C	30.4	C
	NBT	12.8	B	12.8	B	12.8	B	12.8	B
	NBR								
	SBL								
	SBT	20.1	C	20.2	C	20.2	C	20.2	C
	SBR	80.1	F	86.3	F	85.2	F	85.2	F
Intersection		52.5	D	56.7	E	56.3	E	56.3	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.5	C	23.5	C	23.5	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.8	B	18.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22	C	22.1	C	22.1	C	22.1	C
	NBR	29.6	C	30.1	C	30.1	C	30.1	C
	SBL	41.2	D	41.3	D	41.3	D	41.3	D
	SBT	7.6	A	7.7	A	7.7	A	7.7	A
Intersection		23.6	C	23.8	C	23.7	C	23.7	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					26.3	C	26.3	C
	EBT					0	A	0	A
	EBR	32.4	C	32.4	C				
	WBL					26.8	C	26.8	C
	WBT	14	B	14.1	B	3.4	A	3.4	A
	WBR					2.6	A	2.6	A
	NBL	8.9	A	9.1	A	11	B	11	B
	NBT								
	NBR	2.5	A	2.5	A	3	A	3	A
	SBL	5.5	A	5.6	A	10.4	B	10.4	B
	SBT					0.3	A	0.3	A
Intersection		7.4	A	7.6	A	10.4	B	10.4	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.9	D	46.3	D	46.3	D	46.3	D
	EBT	45	D	45.4	D	45.3	D	45.3	D
	EBR								
	WBL	103.1	F	112.1	F	112.1	F	112.1	F
	WBT								
	WBR								
	NBL								
	NBT	23.8	C	25.2	C	25.2	C	25.2	C
	NBR	4	A	4.2	A	4.2	A	4.2	A
	SBL								
	SBT	25.2	C	25.7	C	25.9	C	25.9	C
Intersection		42.4	D	44.8	D	44.8	D	44.8	D
Lakeland Avenue & Manton Street	EBL	21.2	C	21.3	C	21.3	C	21.3	C
	EBT								
	EBR								
	WBL	15.7	B	15.8	B	15.8	B	15.8	B
	WBT								
	WBR								
	NBL	8.5	A	8.7	A	8.7	A	8.7	A
	NBT								
	NBR								
	SBL	12.2	B	12.6	B	12.7	B	12.7	B
	SBT								
Intersection		12	B	12.3	B	12.3	B	12.3	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.8	A	2.8	A	2.8	A
	EBT	2.7	A	2.8	A	2.8	A	2.8	A
	EBR								
	WBL								
	WBT	6.9	A	7.1	A	7.1	A	7.1	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.2	D	50.2	D
	SBT								
	SBR	15.3	B	16.8	B	16.3	B	16.3	B
Intersection		5.9	A	6.2	A	6.1	A	6.1	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	11.1	B	11	B	11	B
	EBR								
	WBL								
	WBT	7.2	A	8.2	A	8.2	A	8.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37	D	37.5	D	37.3	D	37.3	D
Intersection		11.3	B	12	B	11.9	B	11.9	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.1	B	11	B	11	B
	EBR								
	WBL								
	WBT	6.3	A	6.5	A	6.5	A	6.5	A
	WBR	2.4	A	2.3	A	2.3	A	2.3	A
	NBL	63.9	E	65	E	65	E	65	E
	NBT	33.2	C	33	C	33	C	33	C
	NBR								
	SBL								
	SBT	53.5	D	53.6	D	53.6	D	53.6	D
Intersection		17.2	B	17.7	B	17.6	B	17.6	B

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Phase 1 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	12.2	B	11.9	B	11.9	B	11.9	B
	EBT	19.5	B	19.2	B	19.1	B	19.1	B
	EBR								
	WBL	16	B	16.7	B	16.7	B	16.7	B
	WBT	18.8	B	19.8	B	19.8	B	19.8	B
	WBR	6.8	A	6.9	A	6.9	A	6.9	A
	NBL								
	NBT	53.2	D	52.8	D	52.8	D	52.8	D
	NBR								
	SBL	54.9	D	57.8	E	57.6	E	57.6	E
	SBT	31.6	C	31.8	C	31.8	C	31.8	C
Intersection		27.4	C	27.9	C	27.8	C	27.8	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.6	C	23.5	C	23.5	C
	EBT	38.6	D	42.4	D	42	D	42	D
	EBR								
	WBL	2	A	2	A	2	A	2	A
	WBT	2.5	A	2.6	A	2.6	A	2.6	A
	WBR								
	NBL								
	NBT	29.2	C	28.8	C	28.9	C	28.9	C
	NBR								
	SBL								
	SBT	41.4	D	41	D	41.1	D	41.1	D
	SBR	8.1	A	8.1	A	8.2	A	8.2	A
Intersection		20.6	C	22	C	21.9	C	21.9	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.5	A	0.5	A	0.4	A	0.4	A
	EBT	3.2	A	3.4	A	3.4	A	3.4	A
	EBR	0.1	A	0	A	0	A	0	A
	WBL	19.1	B	20.8	C	20.9	C	20.9	C
	WBT	16.4	B	17	B	17	B	17	B
	WBR								
	NBL								
	NBT	48.7	D	48.8	D	48.2	D	48.2	D
	NBR	8.2	A	8.3	A	8.2	A	8.2	A
	SBL								
	SBT	26.3	C	26.3	C	26.2	C	26.2	C
Intersection		14.2	B	14.7	B	14.6	B	14.6	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	54.9	D	54.8	D	54.8	D
	EBR								
	WBL								
	WBT	14.5	B	14.9	B	14.9	B	14.9	B
	WBR								
	NBL	13.4	B	13.1	B	13.2	B	13.2	B
	NBT	20.9	C	20.7	C	20.8	C	20.8	C
	NBR								
	SBL	7	A	6.5	A	6.5	A	6.5	A
	SBT	12.7	B	12.8	B	12.8	B	12.8	B
Intersection		21	C	21.2	C	21.2	C	21.2	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	17.4	B	17.3	B	17.4	B	17.4	B
	EBR								
	WBL								
	WBT	17.3	B	17.3	B	17.4	B	17.4	B
	WBR								
	NBL								
	NBT	17.5	B	17.5	B	17.5	B	17.5	B
	NBR								
	SBL	6.3	A	6.3	A	6.3	A	6.3	A
	SBT	6.2	A	6.3	A	6.3	A	6.3	A
	SBR								
	NWL	6.3	A	6.4	A	6.4	A	6.4	A
Intersection		8.9	A	8.9	A	8.9	A	8.9	A
Cherry Avenue & Brook Street	EBL								
	EBT	11.5	B	11.6	B	11.6	B	11.6	B
	EBR								
	WBL								
	WBT	12.5	B	12.6	B	12.6	B	12.6	B
	WBR								
	NBL								
	NBT	9.5	A	9.6	A	9.6	A	9.6	A
	NBR								
	SBL								
	SBT	13.2	B	13.4	B	13.4	B	13.4	B
Intersection		12.1	B	12.2	B	12.2	B	12.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		Saturday School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	18.1	B	18.1	B	18.1	B
	WBT	18.9	B	18.9	B	18.9	B
	WBR	0.2	A	0.3	A	0.3	A
	NBL	18.7	B	18.8	B	18.8	B
	NBT	3.3	A	3.4	A	3.4	A
	NBR						
	SBL						
	SBT	19.1	B	19.1	B	19.1	B
	SBR	0.3	A	0.3	A	0.3	A
Intersection		14.3	B	14.4	B	14.4	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.7	C	20.8	C	20.8	C
	EBT	20.8	C	20.9	C	20.9	C
	EBR	0.9	A	0.9	A	0.9	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	15.6	B	15.7	B	15.7	B
	NBR	0.2	A	0.2	A	0.2	A
	SBL	2	A	2	A	2	A
	SBT	1.7	A	1.7	A	1.7	A
Intersection		12.6	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	28.4	C	28.3	C	28.6	C
	WBT	27.7	C	27.6	C	27.6	C
	WBR	5.2	A	5.9	A	6.1	A
	NBL	54	D	54.5	D	55.5	E
	NBT	14.2	B	14.4	B	14.3	B
	NBR						
	SBL						
	SBT	29.7	C	30.4	C	30.5	C
	SBR	34.3	C	35.2	D	35.7	D
Intersection		26.7	C	27	C	27.3	C

NELSON & POPE

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Phase 1 Analysis

Level of Service Summary Table

		Saturday School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	26.9	C	27	C	27.2	C
	EBT	24.8	C	24.8	C	25	C
	EBR	3.9	A	3.9	A	4	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	27.5	C	27.7	C	27.7	C
	NBR	13.5	B	14.4	B	14.5	B
	SBL	41.5	D	41.6	D	41.5	D
	SBT	23.1	C	23.6	C	23.2	C
Intersection		23.4	C	23.7	C	23.6	C
Johnson Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	21.2	C	21.4	C	21.4	C
	WBT	21.7	C	21.9	C	21.8	C
	WBR	20.1	C	20.2	C	20.2	C
	NBL	34.5	C	34.4	C	34.5	C
	NBT	11.7	B	11.6	B	11.6	B
	NBR						
	SBL						
	SBT	19	B	19.2	B	19.2	B
	SBR	22.3	C	22.5	C	22.5	C
Intersection		20.7	C	20.8	C	20.8	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.3	C	23.3	C	23.3	C
	EBT	21	C	21	C	21	C
	EBR	23.1	C	23.1	C	23.1	C
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	18.2	B	18.4	B	18.3	B
	NBR	22.7	C	23.3	C	23.1	C
	SBL	35.9	D	35.9	D	35.8	D
	SBT	7.7	A	7.7	A	7.7	A
Intersection		19.7	B	19.9	B	19.8	B

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Phase 1 Analysis

Level of Service Summary Table

		Saturday School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL						
	EBT					26.4	C
	EBR					0.2	A
	WBL	32.5	C	32.5	C		
	WBT					26.6	C
	WBR	13.6	B	13.7	B	6.6	A
	NBL					2.6	A
	NBT	9.3	A	9.4	A	10.2	B
	NBR						
	SBL	2.5	A	2.5	A	2.8	A
	SBT	5.4	A	5.5	A	8.4	A
	SBR					0	A
Intersection		7.8	A	8	A	9.3	A
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	44	D	44.3	D	44.4	D
	EBT	40.1	D	40.2	D	40.3	D
	EBR						
	WBL						
	WBT	48.1	D	48.6	D	48.5	D
	WBR						
	NBL						
	NBT	20.8	C	21.2	C	21.4	C
	NBR	5	A	5.1	A	5.2	A
	SBL						
	SBT	22	C	22.6	C	22.8	C
Intersection		27.2	C	27.6	C	27.7	C
Lakeland Avenue & Manton Street	EBL						
	EBT	20.8	C	20.8	C	20.8	C
	EBR						
	WBL						
	WBT	14.4	B	14.5	B	14.3	B
	WBR						
	NBL						
	NBT	8.2	A	8.4	A	8.4	A
	NBR						
	SBL						
	SBT	10.2	B	10.5	B	10.7	B
Intersection		10.3	B	10.6	B	10.7	B

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Phase 1 Analysis

Level of Service Summary Table

		Saturday School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.4	A
	EBT	1.9	A	1.9	A	1.9	A
	EBR						
	WBL						
	WBT	5	A	5.1	A	5.1	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	50.5	D	50.5	D	50.5	D
	SBT						
	SBR	16	B	16.1	B	16.1	B
Intersection		5.1	A	5.2	A	5.2	A
Montauk Highway & Cherry Avenue	EBL						
	EBT	6.8	A	7	A	7	A
	EBR						
	WBL						
	WBT	5.5	A	5.9	A	6	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	36.5	D	36.9	D	36.7	D
Intersection		8.9	A	9.2	A	9.3	A
Greene Avenue & Montauk Highway	EBL						
	EBT	7.3	A	7.4	A	7.4	A
	EBR						
	WBL						
	WBT	6	A	6.7	A	6.7	A
	WBR	2.8	A	2.8	A	2.8	A
	NBL	49.2	D	49.7	D	49.2	D
	NBT	34.2	C	33.9	C	34	C
	NBR						
	SBL						
	SBT	52.6	D	52.6	D	52.6	D
Intersection		15.4	B	15.8	B	15.7	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		Saturday School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	14.5	B	14.4	B	14.5	B
	EBT	18.1	B	18.1	B	18.1	B
	EBR						
	WBL	15.5	B	15.8	B	15.7	B
	WBT	19.2	B	19.7	B	19.7	B
	WBR	5.4	A	5.5	A	5.6	A
	NBL						
	NBT	50.6	D	50.7	D	50.9	D
	NBR						
	SBL	78.5	E	85.7	F	87	F
	SBT	29.6	C	29.9	C	29.9	C
Intersection		30.6	C	31.9	C	32.2	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	24.3	C	24.6	C	24.5	C
	EBT	32.5	C	33	C	33.2	C
	EBR						
	WBL	2	A	2.1	A	2.1	A
	WBT	3.3	A	3.4	A	3.4	A
	WBR						
	NBL						
	NBT	24.5	C	24.4	C	24.5	C
	NBR						
	SBL						
	SBT	41.4	D	41.5	D	41.5	D
	SBR	2.6	A	2.9	A	2.9	A
Intersection		16	B	16.3	B	16.4	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1	A	1	A	1	A
	EBT	2.5	A	2.5	A	2.5	A
	EBR	0.1	A	0.1	A	0.1	A
	WBL	18.8	B	19.6	B	19.6	B
	WBT	20.8	C	21.3	C	21.3	C
	WBR						
	NBL						
	NBT	43.2	D	43.5	D	43.2	D
	NBR	7.1	A	7.1	A	7.1	A
	SBL						
	SBT	22.1	C	21.9	C	21.9	C
Intersection		15.6	B	15.8	B	15.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		Saturday School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL						
	EBT	53.2	D	53.5	D	53.5	D
	EBR						
	WBL						
	WBT	26.6	C	26.4	C	26.4	C
	WBR						
	NBL	11.4	B	11.5	B	11.5	B
	NBT	17.9	B	18.2	B	18.2	B
	NBR						
	SBL	6.2	A	6.2	A	6.2	A
	SBT	13.5	B	14.1	B	14.1	B
Intersection		19.1	B	19.5	B	19.6	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL						
	EBT	14.5	B	14.4	B	14.4	B
	EBR						
	WBL						
	WBT	14.5	B	14.5	B	14.5	B
	WBR						
	NBL						
	NBT	19.1	B	19.1	B	19.1	B
	NBR						
	SBL	6	A	6	A	6	A
	SBT	6.2	A	6.2	A	6.2	A
	SBR						
	NWL	6.1	A	6.1	A	6.1	A
Intersection		7.5	A	7.5	A	7.5	A
Cherry Avenue & Brook Street	EBL						
	EBT	10.5	B	10.6	B	10.6	B
	EBR						
	WBL						
	WBT	10.2	B	10.3	B	10.2	B
	WBR						
	NBL						
	NBT	9.3	A	9.3	A	9.3	A
	NBR						
	SBL						
	SBT	10.7	B	10.7	B	10.7	B
Intersection		10.3	B	10.3	B	10.3	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.6	C	23.4	C	25.6	D
	NB	9.1	A	9.1	A	9.2	A
Lakeland Avenue & Chester Road	EB	37.0	E	39.7	E	41.9	E
	NB	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	15.9	C	16.1	C
	WB	18.3	C	18.9	C	18.9	C
	NB	0.8	A	0.8	A	0.8	A
	SB	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	13.9	B	14.2	B	14.3	B
	NB	8.5	A	8.5	A	8.5	A
Railroad Avenue & Hiddink Street	WB	12.4	B	12.5	B	12.5	B
	NB	0.0		0.0		0.0	
	SB	3.1	A	3.1	A	3.1	A
Railroad Avenue & Center Street	EB	12.7	B	12.8	B	12.9	B
	NB	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.1	A	2.2	A	2.2	A
	WB	0.0	A	0.0	A	0.0	A
	NB	10.6	B	10.6	B	10.6	B
	SB	20.3	C	21.1	C	21.1	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	9.5	A	9.5	A	9.5	A
Bohemia Pkwy. & Terry Road	EB	0.3	A	0.3	A	0.3	A
	WB	0.0		0.0		0.0	
	NB	11.3	B	11.4	B	11.3	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	NB	10.5	B	10.6	B	10.6	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.0	A
	WB	8.2	A	8.2	A	8.2	A
	SB	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	9.6	A	9.7	A	9.7	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.2	A	8.2	A
	WB	10.6	B	10.7	B	10.7	B
	NB	9.5	A	9.5	A	9.5	A
Tariff Street/Terry Road & Chester Road	EB	2.1	A	2.1	A	2.1	A
	WB	0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.1	B
Bohemia Pkwy. & NYS Route 27 South Service	EB	0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0	
	NB	8.9	A	9.0	A	8.9	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0	
	SB	2.4	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB	8.8	A	8.8	A	8.8	A
	NB	0.0		0.0		0.0	
	SB	1.0	A	1.0	A	1.0	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A
	NB	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB	8.4	A	8.5	A	8.5	A
	WB	8.6	A	8.7	A	8.7	A
	NB	8.7	A	8.7	A	8.7	A
	SB	8.9	A	9.0	A	9.0	A
Site Access & 11th Street	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	0.0	A	0.0	A	0.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.5	C	23.2	C	24.9	C	24.8	C
	NB	10.3	B	10.4	B	10.6	B	10.6	B
Lakeland Avenue & Chester Road	EB	83.0	F	98.4	F	141.2	F	141.2	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	23.1	C	24.0	C	24.0	C	24	C
	WB	24.6	C	26.4	D	26.2	D	26.2	D
	NB	0.2	A	0.2	A	0.2	A	0.2	A
	SB	0.5	A	0.5	A	0.5	A	0.5	A
Railroad Avenue & Depot Street	EB	25.6	D	26.9	D	27.2	D	27.2	D
	NB	3.8	A	3.9	A	3.9	A	3.9	A
Railroad Avenue & Hiddink Street	WB	26.3	D	27.8	D	27.7	D	27.7	D
	NB	0.0		0.0		0.0		0	
	SB	4.2	A	4.3	A	4.2	A	4.2	A
Railroad Avenue & Center Street	EB	28.9	D	30.6	D	30.6	D	30.6	D
	NB	2.1	A	2.1	A	2.1	A	2.1	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.3	A	2.4	A	2.4	A	2.4	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	62.1	F	70.4	F	69.7	F	69.7	F
	SB	19.2	C	19.9	C	19.8	C	19.8	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.2	A	9.2	A	9.2	A	9.2	A
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.1	A	0.0	A	0.0	A	0	A
	NB	11.8	B	11.9	B	11.9	B	11.9	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0	A	0.0	A	0.0	A	0	A
	NB	11.2	B	11.3	B	11.3	B	11.3	B
Terry Road & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	WB	8.2	A	8.3	A	8.3	A	8.3	A
	SB	7.4	A	7.4	A	7.4	A	7.4	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0	A
	WB	0.0		0.0		0.0		0	
	SB	9.9	A	9.9	A	9.9	A	9.9	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.8	A	9.9	A	9.9	A	9.9	A
	WB	12.3	B	12.5	B	12.5	B	12.5	B
	NB	11.1	B	11.3	B	11.3	B	11.3	B
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0	
	SB	11.2	B	11.3	B	11.3	B	11.3	B
Bohemia Pkwy. & NYS Route 27 South Service	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	10.0	A	10.0	A	10.0	A	10	A
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0	
	SB	2.4	A	2.3	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0	
	SB	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB	12.0	B	12.2	B	12.2	B	12.2	B
	WB	10.1	B	10.2	B	10.2	B	10.2	B
	NB	11.3	B	11.5	B	11.5	B	11.5	B
	SB	12.9	B	13.3	B	13.2	B	13.2	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	NB	0.0	A	0.0	A	0.0	A	0	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	0.0	A	0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		Saturday School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	23.7	C	24.6	C	26.2	D
	NB	9.6	A	9.7	A	9.8	A
Lakeland Avenue & Chester Road	EB	63.3	F	72.3	F	90.7	F
	NB	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	18.1	C	18.5	C	18.8	C
	WB	27.1	D	28.5	D	29.0	D
	NB	0.3	A	0.3	A	0.3	A
	SB	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	28.3	D	30.2	D	31.5	D
	NB	3.6	A	3.7	A	3.7	A
Railroad Avenue & Hiddink Street	WB	30.8	D	33.9	D	33.9	D
	NB	0.0		0.0		0.0	
	SB	3.4	A	3.5	A	3.5	A
Railroad Avenue & Center Street	EB	23.0	C	24.0	C	24.3	C
	NB	1.6	A	1.6	A	1.6	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.7	A	1.8	A	1.8	A
	WB	0.3	A	0.4	A	0.3	A
	NB	52.5	F	58.5	F	58.4	F
	SB	16.8	C	17.2	C	17.2	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	10.9	B	11.0	B	10.9	B
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0	
	NB	12.1	B	12.2	B	12.1	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	NB	10.6	B	10.7	B	10.7	B
Terry Road & Sterling Place	EB	8.6	A	8.6	A	8.6	A
	WB	8.3	A	8.3	A	8.3	A
	SB	7.3	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		Saturday School Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.7	A	9.8	A	9.8	A
	WB	10.3	B	10.5	B	10.5	B
	NB	11.0	B	11.2	B	11.2	B
Tariff Street/Terry Road & Chester Road	EB	1.8	A	1.8	A	1.8	A
	WB	0.0		0.0		0.0	
	SB	10.3	B	10.3	B	10.3	B
Bohemia Pkwy. & NYS Route 27 South Service	EB	0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0	
	NB	9.6	A	9.6	A	9.6	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0	
	SB	0.7	A	0.7	A	0.7	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0	
	SB	0.9	A	0.9	A	0.9	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A
	NB	5.0	A	5.0	A	5.0	A
Lincoln Avenue & Hiddink Street	EB	9.9	A	10.0	B	10.0	B
	WB	9.4	A	9.5	A	9.6	A
	NB	10.6	B	10.7	B	10.8	B
	SB	10.4	B	10.5	B	10.5	B
Site Access & 11th Street	EB	7.0	A	7.0	A	0.0	
	WB	7.1	A	7.1	A	0.0	
	NB	7.0	A	7.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	0.0	A	0.0	A	0.0	A

Level of Service Table: Phase 1 Summer

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	17.1	B	17.1	B	17.1	B
	WBT	18.6	B	18.6	B	18.6	B
	WBR	0.2	A	0.2	A	0.2	A
	NBL	17.5	B	17.8	B	17.9	B
	NBT	6.9	A	7.1	A	7.1	A
	NBR						
	SBL						
	SBT	18.8	B	18.9	B	18.9	B
	SBR	0.2	A	0.2	A	0.2	A
Intersection		14.4	B	14.4	B	14.4	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.4	C	20.5	C	20.5	C
	EBT	21.2	C	21.2	C	21.2	C
	EBR	0.4	A	0.4	A	0.4	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	14.8	B	14.9	B	14.9	B
	NBR	0.1	A	0.1	A	0.1	A
	SBL	8	A	8	A	8	A
	SBT	7.7	A	7.8	A	7.7	A
Intersection		13.5	B	13.6	B	13.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	23.8	C	23.7	C	23.8	C
	WBT	25.3	C	25.2	C	25.2	C
	WBR	28.6	C	29.1	C	29.2	C
	NBL	53.5	D	53.7	D	55	E
	NBT	13.8	B	14.3	B	14.7	B
	NBR						
	SBL						
	SBT	30.5	C	31.2	C	31.4	C
	SBR	34.5	C	35.5	D	36	D
Intersection		26	C	26.4	C	26.7	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	34	C	34.9	C	36	D
	EBT	28.1	C	28.7	C	29.5	C
	EBR	6.1	A	6.3	A	6.5	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	33.4	C	33.7	C	33.7	C
	NBR	15.6	B	15.8	B	15.9	B
	SBL	42.9	D	42.7	D	42.6	D
	SBT	13.5	B	13.3	B	13.2	B
Intersection		26.2	C	26.6	C	26.9	C
Johnson Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	23.2	C	23.3	C	23.3	C
	WBT	25	C	25.1	C	25.1	C
	WBR	37.1	D	37.8	D	37.8	D
	NBL	35.9	D	35.6	D	35.6	D
	NBT	19.8	B	19.7	B	19.7	B
	NBR						
	SBL						
	SBT	17.1	B	18.1	B	18.1	B
	SBR	19.4	B	20.8	C	20.8	C
Intersection		25.3	C	25.6	C	25.6	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	31.9	C	31.9	C	31.9	C
	EBT	19.7	B	19.6	B	19.7	B
	EBR	19.9	B	19.8	B	19.8	B
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	20.5	C	20.7	C	20.7	C
	NBR	23.3	C	23.6	C	23.6	C
	SBL	42.5	D	42.4	D	42.4	D
	SBT	12.6	B	12.8	B	12.8	B
Intersection		25	C	25	C	25	C

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					25.8	C
	EBT					0.2	A
	EBR						
	WBL	30.7	C	30.8	C		
	WBT					24.7	C
	WBR	13.9	B	14	B	6.8	A
	NBL					2.5	A
	NBT	8.8	A	10	A	10.3	B
	NBR						
	SBL	2.3	A	2.4	A	3	A
	SBT	4.4	A	5.3	A	8.3	A
	SBR					0	A
Intersection		7.1	A	8	A	9.5	A
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.6	D	46.8	D	46.8	D
	EBT	38.9	D	38.9	D	38.8	D
	EBR						
	WBL						
	WBT	59.7	E	61.1	E	61	E
	WBR						
	NBL						
	NBT	20.2	C	20.6	C	20.6	C
	NBR	3.5	A	3.5	A	3.5	A
	SBL						
	SBT	22.3	C	22.9	C	23	C
Intersection		31.8	C	32.3	C	32.3	C
Lakeland Avenue & Manton Street	EBL						
	EBT	21.7	C	21.7	C	21.7	C
	EBR						
	WBL						
	WBT	14.5	B	14.4	B	14.5	B
	WBR						
	NBL						
	NBT	5.9	A	5.9	A	5.9	A
	NBR						
	SBL						
	SBT	6.8	A	7	A	7	A
Intersection		8.1	A	8.2	A	8.1	A

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.3	A	1.3	A	1.3	A
	EBT	1.2	A	1.2	A	1.2	A
	EBR						
	WBL						
	WBT	5.5	A	5.6	A	5.6	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	33.1	C	33.1	C	33.1	C
	SBT						
	SBR	12.9	B	12.9	B	13	B
Intersection		4.8	A	4.8	A	4.8	A
Montauk Highway & Cherry Avenue	EBL						
	EBT	4	A	4.1	A	4.1	A
	EBR						
	WBL						
	WBT	4.5	A	4.6	A	4.6	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	23	C	23.1	C	23.1	C
Intersection		6	A	6.1	A	6.1	A
Greene Avenue & Montauk Highway	EBL						
	EBT	5.4	A	5.6	A	5.5	A
	EBR						
	WBL						
	WBT	6.7	A	6.8	A	6.8	A
	WBR	5.2	A	5.2	A	5.2	A
	NBL	36	D	36.3	D	36.3	D
	NBT	28.9	C	28.9	C	28.8	C
	NBR						
	SBL						
	SBT	38.8	D	39	D	39	D
Intersection		12.1	B	12.2	B	12.1	B

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Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	10.2	B	10.4	B	10.4	B
	EBT	10.3	B	10.6	B	10.6	B
	EBR						
	WBL	11.1	B	11.1	B	11.1	B
	WBT	12.6	B	12.8	B	12.9	B
	WBR	2.9	A	3.1	A	3.1	A
	NBL						
	NBT	41.9	D	41.9	D	41.8	D
	NBR						
	SBL	32.2	C	32.8	C	32.7	C
	SBT	26.9	C	27.1	C	27.1	C
Intersection		17.5	B	17.7	B	17.7	B
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	21.5	C	21.5	C	21.4	C
	EBT	25.4	C	25.4	C	25.4	C
	EBR						
	WBL	0.9	A	1.1	A	1.1	A
	WBT	2.2	A	2.4	A	2.4	A
	WBR						
	NBL						
	NBT	19.3	B	18.6	B	19.3	B
	NBR						
	SBL						
	SBT	28.9	C	28.9	C	28.9	C
	SBR	0.5	A	0.5	A	0.5	A
Intersection		10.9	B	11	B	11	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.3	A	0.3	A	0.3	A
	EBT	1.6	A	1.6	A	1.6	A
	EBR	0.1	A	0.1	A	0.1	A
	WBL	12.9	B	12.3	B	12.3	B
	WBT	22.6	C	22.1	C	22.2	C
	WBR						
	NBL						
	NBT	47.3	D	48.1	D	47.7	D
	NBR	2.7	A	2.9	A	2.9	A
	SBL						
	SBT	19.5	B	19.8	B	19.5	B
Intersection		17.4	B	17.3	B	17.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL						
	EBT	44.2	D	44.1	D	44.1	D
	EBR						
	WBL						
	WBT	16.6	B	16.3	B	16.3	B
	WBR						
	NBL	5.1	A	5.3	A	5.3	A
	NBT	6	A	6.4	A	6.4	A
	NBR						
	SBL	6	A	6	A	6	A
	SBT	11.9	B	12.4	B	12.4	B
Intersection		14	B	14.3	B	14.3	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL						
	EBT	16	B	15.9	B	16	B
	EBR						
	WBL						
	WBT	16.2	B	16.2	B	16.2	B
	WBR						
	NBL						
	NBT	20.1	C	19.9	B	20.1	C
	NBR						
	SBL	7.6	A	7.7	A	7.7	A
	SBT	7.9	A	7.9	A	7.9	A
	SBR						
	NWL	7.6	A	7.6	A	7.6	A
Intersection		10.6	B	10.7	B	10.6	B
Cherry Avenue & Brook Street	EBL						
	EBT	9.6	A	9.6	A	9.6	A
	EBR						
	WBL						
	WBT	9.1	A	9.1	A	9.1	A
	WBR						
	NBL						
	NBT	8.5	A	8.5	A	8.5	A
	NBR						
	SBL						
	SBT	9.2	A	9.3	A	9.3	A
Intersection		9.2	A	9.2	A	9.2	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.5	B	17.5	B	17.5	B
	WBT	39.8	D	39.8	D	42.7	D	42.7	D
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	16.1	B	16.1	B	16.2	B	16.2	B
	NBT	3.2	A	3.2	A	3.3	A	3.3	A
	NBR								
	SBL								
	SBT	20.3	C	20.3	C	20.4	C	20.4	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		28.8	C	28.8	C	30.7	C	30.7	C
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.4	B	19.4	B	19.4	B	19.4	B
	EBT	21.9	C	21.9	C	22	C	22	C
	EBR	0.6	A	0.6	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	16.3	B	16.3	B	16.3	B	16.3	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.2	A	3.3	A	3.3	A
	SBT	2.3	A	2.3	A	2.4	A	2.4	A
Intersection		13.6	B	13.6	B	13.7	B	13.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.1	C	28.6	C	28.6	C
	WBT	47.1	D	47.1	D	41.8	D	41.8	D
	WBR	5.2	A	5.2	A	6.2	A	6.2	A
	NBL	49.6	D	49.6	D	50.3	D	57	E
	NBT	15	B	15	B	14.8	B	14.8	B
	NBR								
	SBL								
	SBT	67.8	E	67.8	E	76.5	E	65.2	E
	SBR	90.3	F	90.3	F	102.1	F	89.9	F
Intersection		48.7	D	48.7	D	51.1	D	47.2	D

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.9	C	25.9	C	26.2	C	26.2	C
	EBT	23.4	C	23.4	C	23.5	C	23.5	C
	EBR	7.3	A	7.3	A	9.1	A	9.1	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	34.5	C	34.5	C	35.2	D	35.2	D
	NBR	17.6	B	17.6	B	18.2	B	18.2	B
	SBL	44.5	D	44.5	D	45.4	D	46.1	D
	SBT	31.8	C	31.8	C	31.7	C	30.5	C
Intersection		28.4	C	28.4	C	28.8	C	28.6	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	19.1	B	19.1	B	19.1	B	19.1	B
	WBT	21.9	C	21.9	C	22.1	C	22.1	C
	WBR	20.1	C	20.1	C	20.2	C	20.2	C
	NBL	25.9	C	25.9	C	25.9	C	26.1	C
	NBT	13.8	B	13.8	B	13.8	B	13.8	B
	NBR								
	SBL								
	SBT	18.3	B	18.3	B	18.4	B	18.2	B
	SBR	68.8	E	68.8	E	74.7	E	72.2	E
Intersection		33.4	C	33.4	C	35.1	D	34.4	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.2	C	23.2	C	23.3	C	23.3	C
	EBT	20.5	C	20.5	C	20.6	C	20.6	C
	EBR	18.2	B	18.2	B	18.2	B	18.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	23.1	C	23.1	C	23.3	C	23.3	C
	NBR	28.2	C	28.2	C	28.8	C	28.8	C
	SBL	47.4	D	47.4	D	47.5	D	47.7	D
	SBT	6.2	A	6.2	A	6.2	A	6.2	A
Intersection		25.3	C	25.3	C	25.4	C	25.4	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					27.1	C	33.4	C
	EBT					0	A	0	A
	EBR	33.4	C	33.4	C				
	WBL					28.9	C	37.5	D
	WBT	14	B	14	B	7.4	A	2.6	A
	WBR					2.8	A	2.6	A
	NBL	9.8	A	9.8	A	11.2	B	9.9	A
	NBT								
	NBR	2.7	A	2.7	A	3.3	A	2.8	A
	SBL	6.4	A	6.4	A	11.8	B	8.7	A
	SBT					0.3	A	0.2	A
Intersection		8.4	A	8.4	A	11.3	B	9.3	A
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.2	D	43.2	D	43.4	D	43.4	D
	EBT	41.8	D	41.8	D	41.8	D	41.8	D
	EBR								
	WBL								
	WBT	47.1	D	47.1	D	47.5	D	47.5	D
	WBR								
	NBL								
	NBT	18.4	B	18.4	B	18.9	B	18.9	B
	NBR	4.3	A	4.3	A	4.5	A	4.5	A
	SBL								
	SBT	21.7	C	21.7	C	22.5	C	22.5	C
Intersection		26	C	26	C	26.5	C	26.5	C
Lakeland Avenue & Manton Street	EBL	20.9	C	20.9	C	20.9	C	20.9	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.7	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	8.4	A	8.4	A	8.6	A	8.6	A
	NBR								
	SBL	9.2	A	9.2	A	9.5	A	9.5	A
Intersection		10.2	B	10.2	B	10.4	B	10.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.7	A	2.8	A	2.8	A
	EBT	3.5	A	3.5	A	3.6	A	3.6	A
	EBR								
	WBL								
	WBT	7.5	A	7.5	A	7.7	A	7.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52	D	52	D	52	D
	SBT								
	SBR	12.6	B	12.6	B	12.5	B	12.5	B
Intersection		6.3	A	6.3	A	6.4	A	6.4	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.3	B	10.3	B	10.7	B	10.7	B
	EBR								
	WBL								
	WBT	5.1	A	5.1	A	5.3	A	5.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	38.7	D	38.7	D	38.6	D	38.6	D
Intersection		10.6	B	10.6	B	10.8	B	10.8	B
Greene Avenue & Montauk Highway	EBL								
	EBT	8.4	A	8.4	A	8.7	A	8.7	A
	EBR								
	WBL								
	WBT	5.9	A	5.9	A	6	A	5.9	A
	WBR	2.4	A	2.4	A	2.3	A	2.2	A
	NBL	51.9	D	51.9	D	52.5	D	52.5	D
	NBT	36.2	D	36.2	D	36.1	D	36.1	D
	NBR								
	SBL								
	SBT	50.2	D	50.2	D	50.5	D	50.5	D
Intersection		13.8	B	13.8	B	14	B	14	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	11.3	B	11.3	B	11.2	B	11.9	B
	EBT	16.7	B	16.7	B	16.8	B	17.6	B
	EBR								
	WBL	12.4	B	12.4	B	12.6	B	13.1	B
	WBT	16.9	B	16.9	B	17.2	B	18.2	B
	WBR	4.8	A	4.8	A	4.9	A	5.2	A
	NBL								
	NBT	50.5	D	50.5	D	50.6	D	50.6	D
	NBR								
	SBL	63.2	E	63.2	E	72.3	E	62.7	E
	SBT	31.7	C	31.7	C	32.6	C	31.5	C
Intersection		25.8	C	25.8	C	27.2	C	26.3	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	25.7	C	25.9	C	25.9	C
	EBT	53.6	D	53.6	D	56.4	E	56.4	E
	EBR								
	WBL	1.8	A	1.8	A	1.8	A	1.8	A
	WBT	2.5	A	2.5	A	2.6	A	2.6	A
	WBR								
	NBL								
	NBT	25.1	C	25.1	C	25	C	25	C
	NBR								
	SBL								
	SBT	42.1	D	42.1	D	42.2	D	42.2	D
	SBR	3.1	A	3.1	A	3.3	A	3.3	A
Intersection		25.6	C	25.6	C	26.7	C	26.7	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.6	A	0.6	A	0.6	A	0.6	A
	EBT	3.2	A	3.2	A	3.3	A	3.2	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	22.8	C	22.8	C	25.2	C	25.2	C
	WBT	20.3	C	20.3	C	21.1	C	21.1	C
	WBR								
	NBL								
	NBT	54	D	54	D	56.2	E	56.2	E
	NBR	6.7	A	6.7	A	6.7	A	6.7	A
	SBL								
	SBT	26.6	C	26.6	C	27	C	27	C
Intersection		17.7	B	17.7	B	18.4	B	18.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	52.7	D	52.6	D	52.6	D
	EBR								
	WBL								
	WBT	2.8	A	2.8	A	2.7	A	2.7	A
	WBR								
	NBL	11.3	B	11.3	B	11.7	B	11.7	B
	NBT	17.1	B	17.1	B	17.6	B	17.6	B
	NBR								
	SBL	6.7	A	6.7	A	6.8	A	6.8	A
	SBT	11.2	B	11.2	B	11.5	B	11.5	B
Intersection		18.4	B	18.4	B	18.7	B	18.7	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.5	B	16.5	B	16.5	B	16.5	B
	EBR								
	WBL								
	WBT	16.9	B	16.9	B	16.9	B	16.9	B
	WBR								
	NBL								
	NBT	16.9	B	16.9	B	16.9	B	16.9	B
	NBR								
	SBL	4.2	A	4.2	A	4.2	A	4.2	A
	SBT	4.2	A	4.2	A	4.3	A	4.3	A
	SBR								
	NWL	4.2	A	4.2	A	4.2	A	4.2	A
Intersection		6.1	A	6.1	A	6.1	A	6.1	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.7	B	10.7	B	10.7	B
	EBR								
	WBL								
	WBT	10.1	B	10.1	B	10.1	B	10.1	B
	WBR								
	NBL								
	NBT	9.1	A	9.1	A	9.1	A	9.1	A
	NBR								
	SBL								
	SBT	11.1	B	11.1	B	11.1	B	11.1	B
Intersection		10.5	B	10.5	B	10.5	B	10.5	B

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Phase 1 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.4	B	18.4	B	18.4	B	18.4	B
	WBT	51.8	D	56.8	E	56.5	E	56.5	E
	WBR	0.4	A	0.4	A	0.4	A	0.4	A
	NBL	17.8	B	17.8	B	17.8	B	17.8	B
	NBT	5	A	5	A	5	A	5	A
	NBR								
	SBL								
	SBT	20.2	C	20.2	C	20.2	C	20.2	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		35.7	D	38.8	D	38.6	D	38.6	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.2	C	20.2	C	20.2	C	20.2	C
	EBT	21.5	C	21.6	C	21.6	C	21.6	C
	EBR	0.6	A	0.6	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.4	B	17.5	B	17.5	B	17.5	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.1	A	3.1	A	3.1	A	3.1	A
	SBT	3	A	3	A	3	A	3	A
Intersection		12.9	B	12.9	B	12.9	B	12.9	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	30.6	C	31	C	31.4	C	31.4	C
	WBT	134	F	144	F	142.9	F	142.9	F
	WBR	14.3	B	15.3	B	15.7	B	15.7	B
	NBL	46.9	D	46.7	D	47.1	D	48.9	D
	NBT	15.4	B	15.4	B	15.2	B	15.2	B
	NBR								
	SBL								
	SBT	65.8	E	73	E	78.9	E	72.1	E
	SBR	84.7	F	92.4	F	91.9	F	85.6	F
Intersection		74.1	E	79.7	E	80.5	F	78.3	E

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25	C	24.9	C	25.5	C	25.5	C
	EBT	23.2	C	23	C	23.5	C	23.5	C
	EBR	6	A	6.6	A	7.9	A	7.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	32.3	C	32.9	C	32.6	C	32.6	C
	NBR	18	B	18.5	B	18.4	B	18.4	B
	SBL	44.5	D	45.1	D	44.5	D	45.1	D
	SBT	31.3	C	31.6	C	30.9	C	30.2	C
Intersection		27	C	27.3	C	27.3	C	27.2	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.5	C	20.6	C	20.6	C	20.6	C
	WBT	23.6	C	23.9	C	23.8	C	23.8	C
	WBR	19.9	B	20	C	20	C	20	C
	NBL	27.9	C	27.8	C	27.8	C	27.8	C
	NBT	13.6	B	13.5	B	13.5	B	13.5	B
	NBR								
	SBL								
	SBT	18.7	B	18.9	B	18.9	B	18.9	B
	SBR	38.3	D	40.2	D	40	D	40	D
Intersection		24.2	C	24.7	C	24.7	C	24.7	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.1	C	23.2	C	23.2	C	23.2	C
	EBT	21	C	21	C	21	C	21	C
	EBR	18	B	18	B	18	B	18	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.5	C	22.6	C	22.6	C	22.6	C
	NBR	26.6	C	27.1	C	27.1	C	27.1	C
	SBL	44.1	D	44.2	D	44.2	D	44.2	D
	SBT	6.7	A	6.7	A	6.7	A	6.7	A
Intersection		24.6	C	24.7	C	24.7	C	24.7	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					26.3	C	26.3	C
	EBT					0	A	0	A
	EBR	31.6	C	31.6	C				
	WBL					26.2	C	26.2	C
	WBT	13.8	B	13.7	B	5.5	A	5.5	A
	WBR					2.6	A	2.6	A
	NBL	7.8	A	7.9	A	9.3	A	9.3	A
	NBT								
	NBR	2.3	A	2.3	A	2.7	A	2.7	A
	SBL	5.7	A	5.9	A	10.9	B	10.9	B
	SBT					0.4	A	0.4	A
Intersection		7	A	7.1	A	10	A	10	A
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.1	D	45.4	D	45.6	D	45.6	D
	EBT	40	D	40.1	D	40.3	D	40.3	D
	EBR								
	WBL	51.6	D	52.5	D	52.6	D	52.6	D
	WBT								
	WBR								
	NBL								
	NBT	18.9	B	19.4	B	19.5	B	19.5	B
	NBR	3.4	A	3.4	A	3.4	A	3.4	A
	SBL								
	SBT	28.1	C	29.3	C	29.5	C	29.5	C
Intersection		30.2	C	31	C	31.2	C	31.2	C
Lakeland Avenue & Manton Street	EBL	21.7	C	21.7	C	21.8	C	21.8	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.7	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	7.7	A	7.9	A	7.9	A	7.9	A
	NBR								
	SBL								
	SBT	11.2	B	11.7	B	11.7	B	11.7	B
Intersection		11.2	B	11.5	B	11.6	B	11.6	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.5	A	2.6	A	2.6	A	2.6	A
	EBT	3.7	A	3.8	A	3.8	A	3.8	A
	EBR								
	WBL								
	WBT	7.2	A	7.4	A	7.4	A	7.4	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	53.4	D	53.4	D	53.7	D	53.7	D
	SBT								
	SBR	12.2	B	12	B	12.1	B	12.1	B
Intersection		6.8	A	6.9	A	6.9	A	6.9	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	9	A	9.2	A	9.2	A	9.2	A
	EBR								
	WBL								
	WBT	5.3	A	5.2	A	5.2	A	5.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	31	C	31.3	C	31.3	C	31.3	C
Intersection		8.9	A	8.9	A	8.9	A	8.9	A
Greene Avenue & Montauk Highway	EBL								
	EBT	9	A	8.9	A	8.9	A	8.9	A
	EBR								
	WBL								
	WBT	5.3	A	6.1	A	6	A	6	A
	WBR	2.2	A	2.5	A	2.4	A	2.4	A
	NBL	63.4	E	63.2	E	63	E	63	E
	NBT	34.5	C	34.1	C	34.2	C	34.2	C
	NBR								
	SBL								
	SBT	52.4	D	52.2	D	52.5	D	52.5	D
Intersection		16.4	B	16.6	B	16.5	B	16.5	B

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Phase 1 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.9	B	13.7	B	13.7	B	13.7	B
	EBT	20.4	C	20.4	C	20.4	C	20.4	C
	EBR								
	WBL	15.6	B	15.8	B	15.8	B	15.8	B
	WBT	20	C	20.4	C	20.3	C	20.3	C
	WBR	5.3	A	5.5	A	5.5	A	5.5	A
	NBL								
	NBT	52.9	D	53	D	52.9	D	52.9	D
	NBR								
	SBL	73	E	82.6	F	83	F	83	F
	SBT	31.2	C	31.6	C	31.6	C	31.6	C
Intersection		30.3	C	31.8	C	31.8	C	31.8	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	26.3	C	26.2	C	26.2	C
	EBT	56.8	E	65.1	E	64.2	E	64.2	E
	EBR								
	WBL	2	A	2.2	A	2.2	A	2.2	A
	WBT	2.8	A	3	A	3	A	3	A
	WBR								
	NBL								
	NBT	20.5	C	20.4	C	20.4	C	20.4	C
	NBR								
	SBL								
	SBT	42.2	D	42.4	D	42.2	D	42.2	D
	SBR	4.8	A	5.2	A	5.2	A	5.2	A
Intersection		27.1	C	30.4	C	30	C	30	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.7	A	0.7	A	0.7	A	0.7	A
	EBT	3.9	A	4.2	A	4.2	A	4.2	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	38.2	D	45.1	D	43.6	D	43.6	D
	WBT	24.7	C	25.9	C	25.8	C	25.8	C
	WBR								
	NBL								
	NBT	58	E	58.1	E	58.1	E	58.1	E
	NBR	7.4	A	7.3	A	7.3	A	7.3	A
	SBL								
	SBT	24.6	C	24.9	C	24.8	C	24.8	C
Intersection		19.9	B	20.8	C	20.7	C	20.7	C

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Phase 1 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	41	D	41.5	D	41.9	D	41.9	D
	EBR								
	WBL								
	WBT	26	C	25.9	C	25.9	C	25.9	C
	WBR								
	NBL	9.6	A	9.9	A	10	A	10	A
	NBT	15.6	B	16.3	B	16.4	B	16.4	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	9.6	A	9.9	A	9.9	A	9.9	A
Intersection		15.8	B	16.3	B	16.4	B	16.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.6	B	15.5	B	15.6	B	15.6	B
	EBR								
	WBL								
	WBT	16.1	B	16	B	16.1	B	16.1	B
	WBR								
	NBL								
	NBT	16.2	B	16.2	B	16.2	B	16.2	B
	NBR								
	SBL	4.3	A	4.3	A	4.3	A	4.3	A
	SBT	4.3	A	4.3	A	4.3	A	4.3	A
	SBR								
	NWL	4.4	A	4.4	A	4.4	A	4.4	A
Intersection		6.6	A	6.5	A	6.5	A	6.5	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.7	B	10.7	B	10.7	B
	EBR								
	WBL								
	WBT	10.3	B	10.3	B	10.3	B	10.3	B
	WBR								
	NBL								
	NBT	9.5	A	9.6	A	9.5	A	9.5	A
	NBR								
	SBL								
	SBT	10.4	B	10.4	B	10.4	B	10.4	B
Intersection		10.3	B	10.3	B	10.3	B	10.3	B

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Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	17.5	B	17.6	B	17.5	B
	WBT	18.9	B	19	B	19	B
	WBR	0.2	A	0.2	A	0.2	A
	NBL	15.9	B	15.9	B	16	B
	NBT	2.8	A	2.8	A	2.8	A
	NBR						
	SBL						
	SBT	18.8	B	18.9	B	18.9	B
	SBR	0.4	A	0.4	A	0.4	A
Intersection		13.3	B	13.3	B	13.3	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.3	C	20.3	C	20.3	C
	EBT	20.9	C	21	C	21	C
	EBR	0.6	A	0.6	A	0.6	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	15.8	B	15.8	B	15.8	B
	NBR	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.3	A	3.3	A
	SBT	2.7	A	2.8	A	2.8	A
Intersection		12.7	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	28.1	C	28.2	C	28.5	C
	WBT	27.8	C	27.9	C	28	C
	WBR	8	A	8.8	A	9.1	A
	NBL	52.8	D	53.3	D	54.3	D
	NBT	15.2	B	15.6	B	15.9	B
	NBR						
	SBL						
	SBT	30.4	C	31.1	C	31.2	C
	SBR	35.7	D	36.7	D	37.2	D
Intersection		27.1	C	27.5	C	27.9	C

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Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	27.6	C	28	C	28.2	C
	EBT	25.2	C	25.4	C	25.6	C
	EBR	4.7	A	5.3	A	6.2	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	28.8	C	29	C	29	C
	NBR	7.9	A	8.6	A	8.9	A
	SBL	42	D	42	D	41.9	D
	SBT	21.6	C	21.8	C	21.5	C
Intersection		23.2	C	23.5	C	23.5	C
Johnson Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	18.6	B	18.6	B	18.6	B
	WBT	21.7	C	21.8	C	21.8	C
	WBR	20.7	C	20.8	C	20.8	C
	NBL	29.8	C	29.8	C	29.7	C
	NBT	13.2	B	13.2	B	13.1	B
	NBR						
	SBL						
	SBT	18.5	B	18.6	B	18.6	B
	SBR	23.2	C	23.5	C	23.5	C
Intersection		20.4	C	20.5	C	20.5	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	24.2	C	24.3	C	24.3	C
	EBT	20.4	C	20.3	C	20.3	C
	EBR	17.7	B	17.7	B	17.6	B
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	19.2	B	19.4	B	19.4	B
	NBR	22.2	C	22.4	C	22.4	C
	SBL	41.2	D	41.3	D	41.3	D
	SBT	6.8	A	6.9	A	6.9	A
Intersection		22.9	C	23	C	23	C

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Phase 1 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL						
	EBT					26.6	C
	EBR					0.2	A
	WBL	32.3	C	32.3	C		
	WBT					27.1	C
	WBR	13.4	B	13.4	B	10.7	B
	NBL					2.6	A
	NBT	9	A	9.2	A	10	A
	NBR						
	SBL	2.5	A	2.5	A	2.9	A
	SBT	5.1	A	5.2	A	8.8	A
	SBR					0	A
Intersection		7.7	A	7.8	A	9.6	A
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.1	D	43.3	D	43.3	D
	EBT	38.8	D	38.9	D	38.6	D
	EBR						
	WBL						
	WBT	46.5	D	46.8	D	46.9	D
	WBR						
	NBL						
	NBT	20.1	C	20.5	C	20.8	C
	NBR	5.3	A	5.5	A	5.6	A
	SBL						
	SBT	21.3	C	21.9	C	22.3	C
Intersection		25.3	C	25.7	C	25.9	C
Lakeland Avenue & Manton Street	EBL						
	EBT	18.9	B	18.9	B	19	B
	EBR						
	WBL						
	WBT	15.4	B	15.5	B	15.3	B
	WBR						
	NBL						
	NBT	8.5	A	8.7	A	8.8	A
	NBR						
	SBL						
	SBT	9.9	A	10.2	B	10.3	B
Intersection		10.1	B	10.3	B	10.4	B

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Phase 1 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.8	A	1.8	A	1.8	A
	EBT	2.6	A	2.6	A	2.6	A
	EBR						
	WBL						
	WBT	5.8	A	5.9	A	6.3	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	52	D	52	D	52	D
	SBT						
	SBR	11.4	B	11.4	B	11.4	B
Intersection		5.6	A	5.6	A	5.8	A
Montauk Highway & Cherry Avenue	EBL						
	EBT	6.3	A	6.5	A	6.5	A
	EBR						
	WBL						
	WBT	4.9	A	5.1	A	5.1	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	23.4	C	23.5	C	23.3	C
Intersection		6.9	A	7.1	A	7.1	A
Greene Avenue & Montauk Highway	EBL						
	EBT	6.7	A	6.8	A	6.8	A
	EBR						
	WBL						
	WBT	5.4	A	5.3	A	5.3	A
	WBR	3.9	A	3.7	A	3.7	A
	NBL	63	E	64.7	E	64.2	E
	NBT	36.9	D	36.8	D	36.9	D
	NBR						
	SBL						
	SBT	52.1	D	52.2	D	52.2	D
Intersection		15.7	B	15.8	B	15.7	B

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Phase 1 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	16.5	B	16.5	B	16.7	B
	EBT	20	B	20	C	20.1	C
	EBR						
	WBL	15.7	B	16.2	B	16.3	B
	WBT	19.6	B	20.6	C	20.8	C
	WBR	5.4	A	5.6	A	5.6	A
	NBL						
	NBT	53.8	D	53.5	D	53.5	D
	NBR						
	SBL	67.7	E	72	E	70.9	E
	SBT	30.3	C	30.4	C	30.4	C
Intersection		29.8	C	30.8	C	30.7	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	28.3	C	29.2	C	29.2	C
	EBT	30.4	C	31.1	C	31	C
	EBR						
	WBL	1.9	A	2	A	2.1	A
	WBT	3.3	A	3.4	A	3.4	A
	WBR						
	NBL						
	NBT	21	C	21.3	C	21	C
	NBR						
	SBL	40.9	D	41.2	D	41	D
	SBT	1.2	A	1.2	A	1.2	A
Intersection		15.2	B	15.6	B	15.5	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.3	A	1.5	A	1.4	A
	EBT	3	A	3.1	A	3.1	A
	EBR	0.2	A	0.2	A	0.2	A
	WBL	22	C	23.3	C	23.2	C
	WBT	21.8	C	22.3	C	22.2	C
	WBR						
	NBL						
	NBT	49.3	D	49.9	D	49.7	D
	NBR	7.4	A	7.3	A	7.4	A
	SBL						
	SBT	25	C	25.1	C	24.9	C
Intersection		17.5	B	17.9	B	17.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	50.5	D	50.7	D	50.8	D
	EBT						
	EBR						
	WBL	31	C	31	C	31	C
	WBT						
	WBR						
	NBL	11.6	B	11.9	B	12	B
	NBT	16.2	B	16.3	B	16.5	B
	NBR	6	A	6	A	6	A
	SBL						
	SBT						
Intersection		17.6	B	18	B	18.1	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	15.7	B	15.6	B	15.7	B
	EBT						
	EBR						
	WBL	16.2	B	16.2	B	16.2	B
	WBT						
	WBR						
	NBL	20.4	C	20.3	C	20.4	C
	NBT						
	NBR						
	SBL	7.4	A	7.4	A	7.4	A
	SBT	7.7	A	7.7	A	7.7	A
	SBR	7.6	A	7.6	A	7.6	A
	NWL						
Intersection		9.8	A	9.8	A	9.8	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.5	B	10.5	B
	EBT						
	EBR						
	WBL	10.2	B	10.2	B	10.2	B
	WBT						
	WBR						
	NBL	9.4	A	9.4	A	9.4	A
	NBT						
	NBR						
	SBL	10.5	B	10.6	B	10.5	B
	SBT						
Intersection		10.2	B	10.3	B	10.3	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	24.2	C	25.3	D	27.3	D
Lakeland Avenue & Chester Road	EB	50.5	F	57.0	F	65.0	F
	NB	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.0	C	16.0	C
	WB	17.7	C	18.2	C	18.0	C
	NB	0.1	A	0.1	A	0.1	A
	SB	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	17.1	C	17.6	C	17.7	C
	NB	9.1	A	9.1	A	9.1	A
Railroad Avenue & Hiddink Street	WB	14.4	B	14.6	B	14.7	B
	NB	0.0		0.0		0.0	
	SB	2.2	A	2.2	A	2.2	A
Railroad Avenue & Center Street	EB	16.0	C	16.3	C	16.0	C
	NB	1.3	A	1.3	A	1.3	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.1	A	1.1	A	1.1	A
	WB	0.4	A	0.4	A	0.4	A
	NB	13.6	B	13.8	B	13.8	B
	SB	13.7	B	13.9	B	13.9	B
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.1	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0	
	NB	10.7	B	10.8	B	10.7	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A
	NB	10.5	B	10.5	B	10.5	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	7.9	A
	WB	8.0	A	8.0	A	8.0	A
	SB	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	9.5	A	9.5	A	9.5	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.0	A	8.1	A	8.1	A
	WB	9.0	A	9.0	A	9.0	A
	NB	8.4	A	8.5	A	8.5	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.8	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0	
	EB	0.0		0.0		0.0	
	NB	9.3	A	9.3	A	9.4	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0	
	SB	3.1	A	3.1	A	3.1	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A
	NB	6.1	A	6.1	A	6.1	A
Lincoln Avenue & Hiddink Street	EB	8.7	A	8.7	A	8.7	A
	WB	8.6	A	8.7	A	8.7	A
	NB	9.0	A	9.0	A	9.0	A
	SB	9.1	A	9.2	A	9.2	A
Site Access & 11th Street	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	0.0	A	0.0	A	0.0	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 1 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.0	C	19.0	C	20.4	C	20.8	C
	NB	10.1	B	10.1	B	10.4	B	10.4	B
Lakeland Avenue & Chester Road	EB	93.2	F	93.2	F	156.8	F	131.0	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	17.5	C	17.5	C	17.8	C	17.8	C
	WB	23.0	C	23.0	C	23.6	C	23.6	C
	NB	1.1	A	1.1	A	1.1	A	1.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	22.7	C	22.7	C	23.8	C	23.8	C
	NB	3.0	A	3.0	A	3.1	A	3.1	A
Railroad Avenue & Hiddink Street	WB	19.2	C	19.2	C	19.6	C	19.6	C
	NB	0.0		0.0		0.0		0.0	
	SB	3.6	A	3.6	A	3.6	A	3.6	A
Railroad Avenue & Center Street	EB	21.7	C	21.7	C	20.9	C	20.8	C
	NB	1.4	A	1.4	A	1.4	A	1.4	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.8	A	1.8	A	1.9	A	1.9	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	53.6	F	53.6	F	58.8	F	58.8	F
	SB	18.0	C	18.0	C	18.5	C	18.5	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.4	B	10.4	B	10.4	B	10.4	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.4	B	11.4	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.0	B	10.0	B	10.1	B	10.1	B
Terry Road & Sterling Place	EB	8.4	A	8.4	A	8.4	A	8.4	A
	WB	8.1	A	8.1	A	8.1	A	8.1	A
	SB	7.2	A	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.6	A	9.6	A

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.9	A	8.9	A	9.0	A	9.0	A
	WB	10.5	B	10.5	B	10.6	B	10.6	B
	NB	10.0	A	10.0	A	10.1	B	10.1	B
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.0	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.7	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.9	A	9.9	A	9.9	A	9.9	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.8	A	0.8	A	0.8	A	0.8	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	3.0	A	3.0	A	3.0	A	3.0	A
Lincoln Avenue & Hiddink Street	EB	10.3	B	10.3	B	10.4	B	10.4	B
	WB	9.0	A	9.0	A	9.0	A	9.0	A
	NB	10.0	A	10.0	A	10.1	B	10.1	B
	SB	10.5	B	10.5	B	10.6	B	10.6	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	0.0	A	0.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	25.8	D	26.5	D	26.8	D	26.8	D
	NB	10.6	B	10.8	B	11.0	B	11.0	B
Lakeland Avenue & Chester Road	EB	73.2	F	84.0	F	121.6	F	121.6	F
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	16.7	C	17.1	C	17.0	C	17.0	C
	WB	20.7	C	21.3	C	21.0	C	21.0	C
	NB	0.1	A	0.1	A	0.1	A	0.1	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	20.4	C	21.2	C	21.4	C	21.4	C
	NB	2.5	A	2.6	A	2.6	A	2.6	A
Railroad Avenue & Hiddink Street	WB	22.7	C	24.1	C	23.3	C	23.3	C
	NB	0.0		0.0		0.0		0.0	
	SB	3.5	A	3.5	A	3.5	A	3.5	A
Railroad Avenue & Center Street	EB	23.4	C	24.5	C	22.5	C	22.5	C
	NB	1.9	A	2.0	A	2.0	A	2.0	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.4	A	2.5	A	2.5	A	2.5	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	31.7	D	33.9	D	33.7	D	33.7	D
	SB	18.2	C	18.8	C	17.5	C	17.5	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.6	A	9.6	A
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	11.1	B	11.1	B	11.1	B	11.1	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.2	A	0.2	A	0.2	A	0.2	A
	NB	10.8	B	10.9	B	10.9	B	10.9	B
Terry Road & Sterling Place	EB	8.2	A	8.3	A	8.2	A	8.2	A
	WB	7.9	A	7.9	A	7.9	A	7.9	A
	SB	7.1	A	7.1	A	7.1	A	7.1	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.7	A	9.7	A	9.7	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 1		Build Phase 1		Build Phase 1 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.4	A	8.4	A	8.5	A	8.5	A
	WB	10.2	B	10.3	B	10.4	B	10.4	B
	NB	9.0	A	9.1	A	9.1	A	9.1	A
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.1	A	2.1	A	2.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.5	B	10.6	B	10.6	B	10.6	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.8	A	9.8	A	9.8	A	9.8	A
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.3	A	3.3	A	3.3	A	3.3	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	4.6	A	4.6	A	4.6	A	4.6	A
Lincoln Avenue & Hiddink Street	EB	10.2	B	10.3	B	10.3	B	10.3	B
	WB	9.2	A	9.3	A	9.3	A	9.3	A
	NB	10.5	B	10.7	B	10.7	B	10.7	B
	SB	10.8	B	10.9	B	10.9	B	10.9	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	0.0	A	0.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.2	C	19.5	C	20.8	C
	NB	9.4	A	9.5	A	9.6	A
Lakeland Avenue & Chester Road	EB	65.7	F	74.9	F	95.2	F
	NB	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	20.1	C	20.8	C	21.2	C
	WB	31.1	D	33.0	D	34.0	D
	NB	0.4	A	0.4	A	0.4	A
	SB	0.6	A	0.7	A	0.7	A
Railroad Avenue & Depot Street	EB	37.9	E	41.2	E	43.6	E
	NB	3.2	A	3.3	A	3.3	A
Railroad Avenue & Hiddink Street	WB	32.5	D	35.4	E	36.3	E
	NB	0.0		0.0		0.0	
	SB	2.7	A	2.8	A	2.9	A
Railroad Avenue & Center Street	EB	25.9	D	27.1	D	27.5	D
	NB	1.9	A	1.9	A	1.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.2	A	1.2	A	1.2	A
	WB	0.5	A	0.6	A	0.5	A
	NB	42.9	E	46.7	E	46.8	E
	SB	17.8	C	18.3	C	18.2	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	9.9	A	9.9	A	9.9	A
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0	
	NB	10.7	B	10.7	B	10.7	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0	
	WB	0.1	A	0.1	A	0.1	A
	NB	9.9	A	10.0	A	10.0	A
Terry Road & Sterling Place	EB	7.9	A	7.9	A	7.9	A
	WB	7.8	A	7.8	A	7.8	A
	SB	7.1	A	7.1	A	7.1	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	9.9	A	9.9	A	9.9	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 1 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 1		Build Phase 1	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.2	A	8.2	A
	WB	9.0	A	9.0	A	9.1	A
	NB	8.6	A	8.6	A	8.6	A
Tariff Street/Terry Road & Chester Road	EB	1.3	A	1.3	A	1.3	A
	WB	0.0		0.0		0.0	
	SB	9.8	A	9.8	A	9.8	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0	
	EB	0.0		0.0		0.0	
	NB	9.6	A	9.7	A	9.7	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0	
	SB	1.9	A	2.0	A	1.9	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0	
	SB	1.2	A	1.2	A	1.2	A
Carrie Avenue & Sterling Place	EB	8.6	A	8.6	A	8.6	A
Lincoln Avenue & Hiddink Street	EB	10.1	B	10.2	B	10.2	B
	WB	9.7	A	9.8	A	9.8	A
	NB	10.4	B	10.5	B	10.5	B
	SB	11.2	B	11.4	B	11.4	B
Site Access & 11th Street	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	0.0	A	0.0	A	0.0	A

Level of Service Table: Phase 2 School

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	72.4	E	73.7	E	73.7	E
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.8	B	18.7	B	18.7	B
	NBT	7.9	A	7.9	A	7.8	A	7.8	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
Intersection		51.2	D	56.3	E	57.3	E	57.3	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.4	C	21.4	C
	EBT	21	C	20.9	C	21	C	21	C
	EBR	0.4	A	0.4	A	0.4	A	0.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14	B	14.1	B	14.1	B	14.1	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	5.7	A	5.8	A	5.7	A	5.7	A
	SBT	5.7	A	5.7	A	5.7	A	5.7	A
Intersection		12.5	B	12.6	B	12.5	B	12.5	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.7	C	20.9	C	21.2	C	20.9	C
	WBT	70.8	E	81	F	86.5	F	83.3	F
	WBR	19.4	B	19.9	B	20.3	C	19.9	B
	NBL	46.5	D	46.7	D	49.1	D	49.2	D
	NBT	14.6	B	14.9	B	16.3	B	16.6	B
	NBR								
	SBL								
	SBT	35.5	D	35.6	D	36.2	D	36.8	D
	SBR	42.5	D	42.8	D	43.9	D	45	D
Intersection		41.6	D	45.5	D	47.7	D	46.8	D

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	29.7	C	30.6	C	34.1	C	33.6	C
	EBT	26	C	26.6	C	29.3	C	28.9	C
	EBR	5.5	A	5.8	A	6.2	A	5.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.4	C	32.8	C	33.1	C
	NBR	15.8	B	16.7	B	16.7	B	16.3	B
	SBL	39.4	D	39.9	D	40.1	D	40.1	D
	SBT	14.6	B	14.6	B	14	B	14.1	B
Intersection		24.7	C	25.2	C	26.3	C	26.1	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.3	C	24.3	C	24.3	C
	WBT	127.1	F	137.1	F	138.9	F	138.9	F
	WBR	31.1	C	31.6	C	31.6	C	31.6	C
	NBL	39.4	D	39.2	D	39.1	D	39.1	D
	NBT	17.1	B	16.9	B	16.8	B	16.8	B
	NBR								
	SBL								
	SBT	19	B	19.1	B	19.1	B	19.1	B
	SBR	21.6	C	21.7	C	21.8	C	21.8	C
Intersection		75	E	80	F	81	F	81	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35	D	35.1	D	35.1	D
	EBT	19.5	B	19.5	B	20	B	20	B
	EBR	19.7	B	19.7	B	19.7	B	19.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.3	B	19.3	B	19.3	B
	NBR	22.9	C	23	C	23.1	C	23.1	C
	SBL	36.9	D	37	D	37	D	37	D
	SBT	14.4	B	14.4	B	14.5	B	14.5	B
Intersection		24.5	C	24.7	C	24.6	C	24.6	C

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Phase 2 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					30.3	C	30.3	C
	EBR					0.2	A	0.2	A
	WBL	31.2	C	31.2	C				
	WBT					24	C	24	C
	WBR	13.8	B	13.7	B	8.4	A	8.4	A
	NBL					3.8	A	3.8	A
	NBT	9.7	A	10.1	B	16	B	16	B
	NBR								
	SBL	2.5	A	2.5	A	4.2	A	4.2	A
	SBT	3.6	A	3.7	A	7.8	A	7.8	A
	SBR					0.1	A	0.1	A
Intersection		8.3	A	8.5	A	13.5	B	13.5	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.5	D	46.7	D	46.8	D	46.8	D
	EBT	39.8	D	39.8	D	39.8	D	39.8	D
	EBR								
	WBL								
	WBT	54.5	D	55.4	E	55.7	E	55.7	E
	WBR								
	NBL								
	NBT	19.9	B	20.3	C	20.5	C	20.5	C
	NBR	3.5	A	3.6	A	3.8	A	3.8	A
	SBL								
	SBT	19	B	19.4	B	19.8	B	19.8	B
Intersection		29.5	C	29.9	C	30	C	30	C
Lakeland Avenue & Manton Street	EBL								
	EBT	23.5	C	23.8	C	23.8	C	23.8	C
	EBR								
	WBL								
	WBT	13.5	B	13.5	B	13.3	B	13.3	B
	WBR								
	NBL								
	NBT	8	A	8.2	A	8.2	A	8.2	A
	NBR								
	SBL								
	SBT	7.9	A	8.1	A	8.3	A	8.3	A
Intersection		10.9	B	11.1	B	11.1	B	11.1	B

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Phase 2 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.4	A	1.4	A
	EBT	1.1	A	1.1	A	1.1	A	1.1	A
	EBR								
	WBL								
	WBT	8.5	A	9.2	A	9.5	A	9.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	32.8	C	32.8	C	32.8	C	32.8	C
	SBT								
	SBR	20.7	C	22	C	22.6	C	22.6	C
Intersection		8.1	A	8.7	A	8.9	A	8.9	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	3.3	A	3.3	A	3.3	A	3.3	A
	EBR								
	WBL								
	WBT	6.5	A	6.8	A	7	A	7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	24.1	C	24.1	C	24.1	C	24.1	C
Intersection		6.7	A	6.8	A	7.1	A	7.1	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.5	A	5.6	A	5.6	A
	EBR								
	WBL								
	WBT	8	A	8.3	A	8.4	A	8.4	A
	WBR	3.2	A	3.3	A	3.3	A	3.3	A
	NBL	41.5	D	41.8	D	42	D	42	D
	NBT	28.7	C	28.6	C	28.6	C	28.6	C
	NBR								
	SBL								
	SBT	29.9	C	29.8	C	29.9	C	29.9	C
Intersection		12.5	B	12.7	B	12.8	B	12.8	B

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Phase 2 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.2	B	14.1	B	14.6	B	14.6	B
	EBT	12.2	B	12.3	B	12.5	B	12.5	B
	EBR								
	WBL	12.1	B	12.2	B	12.5	B	12.5	B
	WBT	21	C	22.3	C	22.8	C	22.8	C
	WBR	4.5	A	4.7	A	4.7	A	4.7	A
	NBL								
	NBT	42.7	D	42.7	D	42.5	D	42.5	D
	NBR								
	SBL	28.1	C	28.3	C	28.3	C	28.3	C
	SBT	26.1	C	26.1	C	26.3	C	26.3	C
Intersection		21.5	C	22.2	C	22.4	C	22.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	20.7	C	20.6	C	20.6	C
	EBT	19.7	B	19.7	B	19.2	B	19.2	B
	EBR								
	WBL	2.7	A	2.7	A	2.7	A	2.7	A
	WBT	4.4	A	4.8	A	4.9	A	4.9	A
	WBR								
	NBL								
	NBT	28	C	28	C	28	C	28	C
	NBR								
	SBL								
	SBT	30.3	C	30.4	C	30.5	C	30.5	C
	SBR	0.7	A	0.7	A	0.7	A	0.7	A
Intersection		8.9	A	9.2	A	9.2	A	9.2	A
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.4	A	0.6	A	0.6	A	0.6	A
	EBT	1.3	A	1.3	A	1.3	A	1.3	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10	A	9.3	A	9.3	A	9.3	A
	WBT	27.8	C	27.9	C	27.8	C	27.8	C
	WBR								
	NBL								
	NBT	43.1	D	44	D	44.7	D	44.7	D
	NBR	3.2	A	3.5	A	3.5	A	3.5	A
	SBL								
	SBT	18.5	B	18.5	B	18.6	B	18.6	B
Intersection		20.5	C	20.6	C	20.7	C	20.7	C

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Phase 2 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	39.3	D	39.5	D	39.9	D	39.9	D
	EBR								
	WBL								
	WBT	25.7	C	24.9	C	25.3	C	25.3	C
	WBR								
	NBL	4.4	A	4.9	A	5.1	A	5.1	A
	NBT	4.5	A	4.9	A	5	A	5	A
	NBR								
	SBL	4.7	A	4.7	A	5	A	5	A
	SBT	10.2	B	10.7	B	10.9	B	10.9	B
Intersection		11.3	B	11.7	B	11.9	B	11.9	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.9	B	15.8	B	15.9	B	15.9	B
	EBR								
	WBL								
	WBT	16.6	B	16.6	B	16.6	B	16.6	B
	WBR								
	NBL								
	NBT	20.2	C	20.2	C	20.2	C	20.2	C
	NBR								
	SBL	7.5	A	7.6	A	7.5	A	7.5	A
	SBT	7.5	A	7.5	A	7.4	A	7.4	A
	SBR								
	NWL	7.5	A	7.5	A	7.5	A	7.5	A
Intersection		9.8	A	9.8	A	9.7	A	9.7	A
Cherry Avenue & Brook Street	EBL								
	EBT	14	B	14.2	B	14.2	B	14.2	B
	EBR								
	WBL								
	WBT	11.4	B	11.5	B	11.6	B	11.6	B
	WBR								
	NBL								
	NBT	13.7	B	13.9	B	13.9	B	13.9	B
	NBR								
	SBL								
	SBT	12.5	B	12.6	B	12.7	B	12.7	B
Intersection		13.2	B	13.4	B	13.4	B	13.4	B

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Phase 2 Analysis

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.7	B	18.7	B	18.7	B
	WBT	71.5	E	78.8	E	80.6	F	80.6	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.5	B	17.5	B	17.5	B
	NBT	4	A	4.1	A	4.1	A	4.1	A
	NBR								
	SBL								
	SBT	20.1	C	20.1	C	20.2	C	20.2	C
	SBR	1.8	A	1.9	A	1.9	A	1.9	A
Intersection		47.6	D	52	D	53.1	D	53.1	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20	B	20	B	20	B
	EBT	21.2	C	21.2	C	21.3	C	21.3	C
	EBR	0.8	A	0.8	A	0.8	A	0.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	17.8	B	17.8	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.6	A	2.7	A	2.7	A
	SBT	2.4	A	2.5	A	2.5	A	2.5	A
Intersection		12	B	12.1	B	12.1	B	12.1	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	29.7	C	30.6	C	30.6	C
	WBT	139.7	F	150.1	F	152.2	F	152.2	F
	WBR	9.6	A	10.4	B	11.6	B	11.6	B
	NBL	46	D	45.7	D	47	D	57.1	E
	NBT	15.5	B	15.5	B	15.6	B	14.6	B
	NBR								
	SBL								
	SBT	67.7	E	74.4	E	86.6	F	69.6	E
	SBR	89.3	F	96.1	F	111.8	F	94.5	F
Intersection		78	E	83.7	F	88.4	F	82.9	F

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Phase 2 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	28	C	28.3	C	29.7	C	28	C
	EBT	24.8	C	25	C	26	C	24.8	C
	EBR	6.2	A	6.9	A	11	B	10.4	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.4	C	31.3	C	32.6	C
	NBR	20.5	C	21	C	20.9	C	21.7	C
	SBL	44.5	D	44.5	D	43.7	D	45.6	D
	SBT	28.2	C	28.1	C	26.7	C	27.5	C
Intersection		26.8	C	27	C	27.3	C	27.4	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.4	C	23.5	C	23.5	C
	WBT	76.9	E	84.8	F	86.5	F	86.5	F
	WBR	22.8	C	23	C	23.1	C	23.1	C
	NBL	30.4	C	30.4	C	30.3	C	30.3	C
	NBT	12.8	B	12.8	B	12.8	B	12.8	B
	NBR								
	SBL								
	SBT	20.1	C	20.2	C	20.2	C	20.2	C
	SBR	80.1	F	86.3	F	87.9	F	87.9	F
Intersection		52.5	D	56.7	E	57.6	E	57.6	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.5	C	23.5	C	23.5	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22	C	22.1	C	22.2	C	22.2	C
	NBR	29.6	C	30.1	C	30.3	C	30.3	C
	SBL	41.2	D	41.3	D	41.2	D	41.2	D
	SBT	7.6	A	7.7	A	7.8	A	7.8	A
Intersection		23.6	C	23.8	C	23.8	C	23.8	C

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Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					28.6	C	28.6	C
	EBT					0.1	A	0.1	A
	EBR	32.4	C	32.4	C				
	WBL					26.6	C	26.6	C
	WBT	14	B	14.1	B	3	A	3	A
	WBR					3.2	A	3.2	A
	NBL	8.9	A	9.1	A	12.4	B	12.4	B
	NBT								
	NBR								
	SBL	2.5	A	2.5	A	3.5	A	3.5	A
	SBT	5.5	A	5.6	A	11.7	B	11.7	B
	SBR					2.4	A	2.4	A
Intersection		7.4	A	7.6	A	11.6	B	11.6	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.9	D	46.3	D	46.6	D	46.8	D
	EBT	45	D	45.4	D	45.4	D	45.7	D
	EBR								
	WBL	103.1	F	112.1	F	115.2	F	107.2	F
	WBT								
	WBR								
	NBL								
	NBT	23.8	C	25.2	C	26.5	C	27.3	C
	NBR	4	A	4.2	A	4.4	A	4.4	A
	SBL								
	SBT	25.2	C	25.7	C	26.1	C	26.6	C
Intersection		42.4	D	44.8	D	45.7	D	44.4	D
Lakeland Avenue & Manton Street	EBL	21.2	C	21.3	C	21.3	C	21.3	C
	EBT								
	EBR								
	WBL								
	WBT	15.7	B	15.8	B	15.7	B	15.7	B
	WBR								
	NBL								
	NBT	8.5	A	8.7	A	8.8	A	8.8	A
	NBR								
	SBL								
	SBT	12.2	B	12.6	B	13	B	13	B
Intersection		12	B	12.3	B	12.5	B	12.5	B

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Phase 2 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.8	A	2.9	A	2.9	A
	EBT	2.7	A	2.8	A	2.8	A	2.8	A
	EBR								
	WBL								
	WBT	6.9	A	7.1	A	7.2	A	7.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.2	D	50.2	D
	SBT								
	SBR	15.3	B	16.8	B	18	B	18	B
Intersection		5.9	A	6.2	A	6.4	A	6.4	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	11.1	B	11.3	B	11.3	B
	EBR								
	WBL								
	WBT	7.2	A	8.2	A	8.2	A	8.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37	D	37.5	D	37.8	D	37.8	D
Intersection		11.3	B	12	B	12.2	B	12.2	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.1	B	11.4	B	11.4	B
	EBR								
	WBL								
	WBT	6.3	A	6.5	A	6.6	A	6.6	A
	WBR	2.4	A	2.3	A	2.3	A	2.3	A
	NBL	63.9	E	65	E	65.9	E	65.9	E
	NBT	33.2	C	33	C	33.1	C	33.1	C
	NBR								
	SBL								
	SBT	53.5	D	53.6	D	53.6	D	53.6	D
Intersection		17.2	B	17.7	B	17.8	B	17.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	12.2	B	11.9	B	11.9	B	11.9	B
	EBT	19.5	B	19.2	B	18.9	B	18.9	B
	EBR								
	WBL	16	B	16.7	B	16.8	B	16.8	B
	WBT	18.8	B	19.8	B	20.1	C	20.1	C
	WBR	6.8	A	6.9	A	7	A	7	A
	NBL								
	NBT	53.2	D	52.8	D	52.8	D	52.8	D
	NBR								
	SBL	54.9	D	57.8	E	58.7	E	58.7	E
	SBT	31.6	C	31.8	C	32	C	32	C
Intersection		27.4	C	27.9	C	28	C	28	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.6	C	23.6	C	23.6	C
	EBT	38.6	D	42.4	D	42.9	D	42.9	D
	EBR								
	WBL	2	A	2	A	2	A	2	A
	WBT	2.5	A	2.6	A	2.6	A	2.6	A
	WBR								
	NBL								
	NBT	29.2	C	28.8	C	28.8	C	28.8	C
	NBR								
	SBL								
	SBT	41.4	D	41	D	40.8	D	40.8	D
	SBR	8.1	A	8.1	A	8.2	A	8.2	A
Intersection		20.6	C	22	C	22.2	C	22.2	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.5	A	0.5	A	0.5	A	0.5	A
	EBT	3.2	A	3.4	A	3.5	A	3.5	A
	EBR	0.1	A	0	A	0	A	0	A
	WBL	19.1	B	20.8	C	21.3	C	21.3	C
	WBT	16.4	B	17	B	17.1	B	17.1	B
	WBR								
	NBL								
	NBT	48.7	D	48.8	D	48.9	D	48.9	D
	NBR	8.2	A	8.3	A	8.2	A	8.2	A
	SBL								
	SBT	26.3	C	26.3	C	26.4	C	26.4	C
Intersection		14.2	B	14.7	B	14.8	B	14.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	54.9	D	55.2	E	55.2	E
	EBR								
	WBL								
	WBT	14.5	B	14.9	B	14.9	B	14.9	B
	WBR								
	NBL	13.4	B	13.1	B	13.2	B	13.2	B
	NBT	20.9	C	20.7	C	20.8	C	20.8	C
	NBR								
	SBL	7	A	6.5	A	6.5	A	6.5	A
	SBT	12.7	B	12.8	B	12.9	B	12.9	B
Intersection		21	C	21.2	C	21.3	C	21.3	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	17.4	B	17.3	B	17.4	B	17.4	B
	EBR								
	WBL								
	WBT	17.3	B	17.3	B	17.4	B	17.4	B
	WBR								
	NBL								
	NBT	17.5	B	17.5	B	17.5	B	17.5	B
	NBR								
	SBL	6.3	A	6.3	A	6.3	A	6.3	A
	SBT	6.2	A	6.3	A	6.3	A	6.3	A
	SBR								
	NWL	6.3	A	6.4	A	6.4	A	6.4	A
Intersection		8.9	A	8.9	A	8.9	A	8.9	A
Cherry Avenue & Brook Street	EBL								
	EBT	11.5	B	11.6	B	11.7	B	11.7	B
	EBR								
	WBL								
	WBT	12.5	B	12.6	B	12.6	B	12.6	B
	WBR								
	NBL								
	NBT	9.5	A	9.6	A	9.6	A	9.6	A
	NBR								
	SBL								
	SBT	13.2	B	13.4	B	13.4	B	13.4	B
Intersection		12.1	B	12.2	B	12.2	B	12.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.1	B	18.1	B	18.1	B	18.1	B
	WBT	18.9	B	18.9	B	18.9	B	18.9	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	18.7	B	18.8	B	18.9	B	18.9	B
	NBT	3.3	A	3.4	A	3.4	A	3.4	A
	NBR								
	SBL								
	SBT	19.1	B	19.1	B	19.1	B	19.1	B
	SBR	0.3	A	0.3	A	0.3	A	0.3	A
Intersection		14.3	B	14.4	B	14.4	B	14.4	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.7	C	20.8	C	20.7	C	20.7	C
	EBT	20.8	C	20.9	C	20.9	C	20.9	C
	EBR	0.9	A	0.9	A	0.9	A	0.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.6	B	15.7	B	15.7	B	15.7	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2	A	2	A	2	A	2	A
	SBT	1.7	A	1.7	A	1.7	A	1.7	A
Intersection		12.6	B	12.7	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.4	C	28.3	C	29.2	C	29.2	C
	WBT	27.7	C	27.6	C	27.8	C	27.8	C
	WBR	5.2	A	5.9	A	6.9	A	6.9	A
	NBL	54	D	54.5	D	57.3	E	57.3	E
	NBT	14.2	B	14.4	B	14.4	B	14.4	B
	NBR								
	SBL								
	SBT	29.7	C	30.4	C	31	C	31	C
	SBR	34.3	C	35.2	D	36.5	D	36.5	D
Intersection		26.7	C	27	C	27.9	C	27.9	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	26.9	C	27	C	27.6	C	27.6	C
	EBT	24.8	C	24.8	C	25.3	C	25.3	C
	EBR	3.9	A	3.9	A	5.4	A	5.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	27.5	C	27.7	C	27.9	C	27.9	C
	NBR	13.5	B	14.4	B	15.2	B	15.2	B
	SBL	41.5	D	41.6	D	41.4	D	41.4	D
	SBT	23.1	C	23.6	C	22.8	C	22.8	C
Intersection		23.4	C	23.7	C	23.8	C	23.8	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	21.2	C	21.4	C	21.4	C	21.4	C
	WBT	21.7	C	21.9	C	21.9	C	21.9	C
	WBR	20.1	C	20.2	C	20.2	C	20.2	C
	NBL	34.5	C	34.4	C	34.7	C	34.7	C
	NBT	11.7	B	11.6	B	11.6	B	11.6	B
	NBR								
	SBL								
	SBT	19	B	19.2	B	19.2	B	19.2	B
	SBR	22.3	C	22.5	C	22.6	C	22.6	C
Intersection		20.7	C	20.8	C	20.8	C	20.8	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.3	C	23.3	C	23.3	C	23.3	C
	EBT	21	C	21	C	21	C	21	C
	EBR	23.1	C	23.1	C	23.1	C	23.1	C
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	18.2	B	18.4	B	18.4	B	18.4	B
	NBR	22.7	C	23.3	C	23.3	C	23.3	C
	SBL	35.9	D	35.9	D	35.9	D	35.9	D
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
Intersection		19.7	B	19.9	B	19.9	B	19.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					29.3	C	29.3	C
	EBT					0.4	A	0.4	A
	EBR	32.5	C	32.5	C				
	WBL					26.3	C	26.3	C
	WBT	13.6	B	13.7	B	5.8	A	5.8	A
	WBR					3.3	A	3.3	A
	NBL	9.3	A	9.4	A	11.8	B	11.8	B
	NBT								
	NBR	2.5	A	2.5	A	3.5	A	3.5	A
	SBL	5.4	A	5.5	A	9.9	A	9.9	A
	SBT					1.7	A	1.7	A
Intersection		7.8	A	8	A	10.9	B	10.9	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	44	D	44.3	D	44.5	D	44.5	D
	EBT	40.1	D	40.2	D	40.2	D	40.2	D
	EBR								
	WBL								
	WBT	48.1	D	48.6	D	48.5	D	48.5	D
	WBR								
	NBL								
	NBT	20.8	C	21.2	C	21.9	C	21.9	C
	NBR	5	A	5.1	A	5.4	A	5.4	A
	SBL								
	SBT	22	C	22.6	C	23.2	C	23.2	C
Intersection		27.2	C	27.6	C	27.9	C	27.9	C
Lakeland Avenue & Manton Street	EBL								
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR								
	WBL								
	WBT	14.4	B	14.5	B	14.3	B	14.3	B
	WBR								
	NBL								
	NBT	8.2	A	8.4	A	8.6	A	8.6	A
	NBR								
	SBL								
	SBT	10.2	B	10.5	B	11.1	B	11.1	B
Intersection		10.3	B	10.6	B	10.9	B	10.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.4	A	1.4	A
	EBT	1.9	A	1.9	A	1.9	A	1.9	A
	EBR								
	WBL								
	WBT	5	A	5.1	A	5.1	A	5.1	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.5	D	50.5	D	50.5	D	50.5	D
	SBT								
	SBR	16	B	16.1	B	16.1	B	16.1	B
Intersection		5.1	A	5.2	A	5.2	A	5.2	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.8	A	7	A	7.2	A	7.2	A
	EBR								
	WBL								
	WBT	5.5	A	5.9	A	6.1	A	6.1	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	36.5	D	36.9	D	37	D	37	D
Intersection		8.9	A	9.2	A	9.4	A	9.4	A
Greene Avenue & Montauk Highway	EBL								
	EBT	7.3	A	7.4	A	7.5	A	7.5	A
	EBR								
	WBL								
	WBT	6	A	6.7	A	6.9	A	6.9	A
	WBR	2.8	A	2.8	A	2.9	A	2.9	A
	NBL	49.2	D	49.7	D	50.1	D	50.1	D
	NBT	34.2	C	33.9	C	34	C	34	C
	NBR								
	SBL								
	SBT	52.6	D	52.6	D	52.6	D	52.6	D
Intersection		15.4	B	15.8	B	15.8	B	15.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	14.5	B	14.4	B	14.6	B	15.1	B
	EBT	18.1	B	18.1	B	18.1	B	18.7	B
	EBR								
	WBL	15.5	B	15.8	B	15.7	B	16.2	B
	WBT	19.2	B	19.7	B	19.9	B	20.7	C
	WBR	5.4	A	5.5	A	5.7	A	6	A
	NBL								
	NBT	50.6	D	50.7	D	50.9	D	50.9	D
	NBR								
	SBL	78.5	E	85.7	F	89.8	F	79.6	E
	SBT	29.6	C	29.9	C	30.4	C	29.5	C
Intersection		30.6	C	31.9	C	32.7	C	31.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	24.3	C	24.6	C	24.6	C	24.8	C
	EBT	32.5	C	33	C	33.3	C	33.3	C
	EBR								
	WBL	2	A	2.1	A	2.3	A	2.3	A
	WBT	3.3	A	3.4	A	3.6	A	3.6	A
	WBR								
	NBL								
	NBT	24.5	C	24.4	C	24.5	C	24.5	C
	NBR								
	SBL								
	SBT	41.4	D	41.5	D	41.5	D	41.5	D
	SBR	2.6	A	2.9	A	2.9	A	2.9	A
Intersection		16	B	16.3	B	16.5	B	16.5	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1	A	1	A	1	A	1	A
	EBT	2.5	A	2.5	A	2.5	A	2.5	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	18.8	B	19.6	B	19.8	B	19.8	B
	WBT	20.8	C	21.3	C	21.3	C	21.3	C
	WBR								
	NBL								
	NBT	43.2	D	43.5	D	43.5	D	43.5	D
	NBR	7.1	A	7.1	A	7.1	A	7.1	A
	SBL								
	SBT	22.1	C	21.9	C	22.2	C	22.2	C
Intersection		15.6	B	15.8	B	15.8	B	15.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	53.2	D	53.5	D	53.7	D	53.7	D
	EBR								
	WBL								
	WBT	26.6	C	26.4	C	26.3	C	26.3	C
	WBR								
	NBL	11.4	B	11.5	B	11.6	B	11.6	B
	NBT	17.9	B	18.2	B	18.3	B	18.3	B
	NBR								
	SBL	6.2	A	6.2	A	6.2	A	6.2	A
	SBT	13.5	B	14.1	B	14.5	B	14.5	B
Intersection		19.1	B	19.5	B	19.8	B	19.8	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	14.5	B	14.4	B	14.4	B	14.5	B
	EBR								
	WBL								
	WBT	14.5	B	14.5	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	19.1	B	19.1	B	19.1	B	19.1	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	6.2	A	6.2	A	6.2	A	6.2	A
	SBR								
	NWL	6.1	A	6.1	A	6.1	A	6.1	A
Intersection		7.5	A	7.5	A	7.5	A	7.5	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.5	B	10.6	B	10.7	B	10.7	B
	EBR								
	WBL								
	WBT	10.2	B	10.3	B	10.2	B	10.2	B
	WBR								
	NBL								
	NBT	9.3	A	9.3	A	9.3	A	9.3	A
	NBR								
	SBL								
	SBT	10.7	B	10.7	B	10.8	B	10.8	B
Intersection		10.3	B	10.3	B	10.4	B	10.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.6	C	23.4	C	29.5	D	29.5	D
	NB	9.1	A	9.1	A	9.3	A	9.3	A
Lakeland Avenue & Chester Road	EB	37.0	E	39.7	E	44.0	E	44	E
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	15.9	C	16.3	C	16.3	C
	WB	18.3	C	18.9	C	19.3	C	19.3	C
	NB	0.8	A	0.8	A	0.8	A	0.8	A
	SB	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue & Depot Street	EB	13.9	B	14.2	B	14.5	B	14.5	B
	NB	8.5	A	8.5	A	8.6	A	8.6	A
Railroad Avenue & Hiddink Street	WB	12.4	B	12.5	B	12.6	B	12.6	B
	NB	0.0		0.0		0.0		0	
	SB	3.1	A	3.1	A	3.1	A	3.1	A
Railroad Avenue & Center Street	EB	12.7	B	12.8	B	13.0	B	13	B
	NB	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.1	A	2.2	A	2.2	A	2.2	A
	WB	0.0	A	0.0	A	0.0	A	0	A
	NB	10.6	B	10.6	B	10.6	B	10.6	B
	SB	20.3	C	21.1	C	21.4	C	21.4	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.5	A	9.5	A	9.5	A	9.5	A
Bohemia Pkwy. & Terry Road	EB	0.3	A	0.3	A	0.3	A	0.3	A
	WB	0.0		0.0		0.0		0	
	NB	11.3	B	11.4	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	NB	10.5	B	10.6	B	10.6	B	10.6	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.0	A	8	A
	WB	8.2	A	8.2	A	8.2	A	8.2	A
	SB	7.2	A	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.6	A	9.7	A	9.7	A	9.7	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.2	A	8.3	A	8.3	A
	WB	10.6	B	10.7	B	10.7	B	10.7	B
	NB	9.5	A	9.5	A	9.6	A	9.6	A
Tariff Street/Terry Road & Chester Road	EB	2.1	A	2.1	A	2.1	A	2.1	A
	WB	0.0		0.0		0.0		0	
	SB	10.1	B	10.1	B	10.1	B	10.1	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	8.9	A	9.0	A	8.9	A	8.9	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9	A
	NB	0.0		0.0		0.0		0	
	SB	2.4	A	2.4	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	0.0		0.0		0.0		0	
	SB	1.0	A	1.0	A	1.0	A	1	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB	8.4	A	8.5	A	8.5	A	8.5	A
	WB	8.6	A	8.7	A	8.7	A	8.7	A
	NB	8.7	A	8.7	A	8.8	A	8.8	A
	SB	8.9	A	9.0	A	9.0	A	9	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	NB	0.0	A	0.0	A	0.0	A	0	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	10.6	B	10.6	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.5	C	23.2	C	27.6	D	27.4	D
	NB	10.3	B	10.4	B	11.1	B	11.1	B
Lakeland Avenue & Chester Road	EB	83.0	F	98.4	F	161.5	F	161.5	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	23.1	C	24.0	C	24.7	C	24.7	C
	WB	24.6	C	26.4	D	27.2	D	27.2	D
	NB	0.2	A	0.2	A	0.2	A	0.2	A
	SB	0.5	A	0.5	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	25.6	D	26.9	D	28.6	D	28.6	D
	NB	3.8	A	3.9	A	4.0	A	4	A
Railroad Avenue & Hiddink Street	WB	26.3	D	27.8	D	29.4	D	29.4	D
	NB	0.0		0.0		0.0		0	
	SB	4.2	A	4.3	A	4.3	A	4.3	A
Railroad Avenue & Center Street	EB	28.9	D	30.6	D	31.1	D	31.1	D
	NB	2.1	A	2.1	A	2.1	A	2.1	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.3	A	2.4	A	2.5	A	2.5	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	62.1	F	70.4	F	73.4	F	73.4	F
	SB	19.2	C	19.9	C	20.1	C	20.1	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.2	A	9.2	A	9.2	A	9.2	A
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.1	A	0.0	A	0.0	A	0	A
	NB	11.8	B	11.9	B	11.9	B	11.9	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0	A	0.0	A	0.0	A	0	A
	NB	11.2	B	11.3	B	11.3	B	11.3	B
Terry Road & Sterling Place	EB	8.8	A	8.8	A	8.9	A	8.9	A
	WB	8.2	A	8.3	A	8.3	A	8.3	A
	SB	7.4	A	7.4	A	7.4	A	7.4	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0	A
	WB	0.0		0.0		0.0		0	
	SB	9.9	A	9.9	A	10.0	A	10	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.8	A	9.9	A	10.0	A	10	A
	WB	12.3	B	12.5	B	12.6	B	12.6	B
	NB	11.1	B	11.3	B	11.4	B	11.4	B
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0	
	SB	11.2	B	11.3	B	11.3	B	11.3	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	10.0	A	10.0	A	10.0	B	10	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0	
	SB	2.4	A	2.3	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0	
	SB	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB	12.0	B	12.2	B	12.4	B	12.4	B
	WB	10.1	B	10.2	B	10.3	B	10.3	B
	NB	11.3	B	11.5	B	11.6	B	11.6	B
	SB	12.9	B	13.3	B	13.4	B	13.4	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	NB	0.0	A	0.0	A	0.0	A	0	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	11.1	B	11.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	23.7	C	24.6	C	29.1	D	29.1	D
	NB	9.6	A	9.7	A	10.1	B	10.1	B
Lakeland Avenue & Chester Road	EB	63.3	F	72.3	F	104.3	F	104.3	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	18.1	C	18.5	C	19.4	C	19.4	C
	WB	27.1	D	28.5	D	30.8	D	30.8	D
	NB	0.3	A	0.3	A	0.3	A	0.3	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	28.3	D	30.2	D	33.8	D	33.8	D
	NB	3.6	A	3.7	A	3.8	A	3.8	A
Railroad Avenue & Hiddink Street	WB	30.8	D	33.9	D	37.2	E	37.2	E
	NB	0.0		0.0		0.0		0	
	SB	3.4	A	3.5	A	3.6	A	3.6	A
Railroad Avenue & Center Street	EB	23.0	C	24.0	C	24.9	C	24.9	C
	NB	1.6	A	1.6	A	1.6	A	1.6	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.7	A	1.8	A	1.8	A	1.8	A
	WB	0.3	A	0.4	A	0.4	A	0.4	A
	NB	52.5	F	58.5	F	61.6	F	61.6	F
	SB	16.8	C	17.2	C	17.4	C	17.4	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	10.9	B	11.0	B	11.0	B	11	B
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0	
	NB	12.1	B	12.2	B	12.2	B	12.2	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	NB	10.6	B	10.7	B	10.8	B	10.8	B
Terry Road & Sterling Place	EB	8.6	A	8.6	A	8.7	A	8.7	A
	WB	8.3	A	8.3	A	8.3	A	8.3	A
	SB	7.3	A	7.3	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0	
	SB	10.1	B	10.1	B	10.2	B	10.2	B

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.7	A	9.8	A	9.9	A	9.9	A
	WB	10.3	B	10.5	B	10.6	B	10.6	B
	NB	11.0	B	11.2	B	11.4	B	11.4	B
Tariff Street/Terry Road & Chester Road	EB	1.8	A	1.8	A	1.8	A	1.8	A
	WB	0.0		0.0		0.0		0	
	SB	10.3	B	10.3	B	10.3	B	10.3	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	9.6	A	9.6	A	9.6	A	9.6	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9	A
	NB	0.0		0.0		0.0		0	
	SB	0.7	A	0.7	A	0.7	A	0.7	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0	
	SB	0.9	A	0.9	A	0.9	A	0.9	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	5.0	A	5.0	A	5.0	A	5	A
Lincoln Avenue & Hiddink Street	EB	9.9	A	10.0	B	10.1	B	10.1	B
	WB	9.4	A	9.5	A	9.6	A	9.6	A
	NB	10.6	B	10.7	B	10.9	B	10.9	B
	SB	10.4	B	10.5	B	10.6	B	10.6	B
Site Access & 11th Street	EB	7.0	A	7.0	A	0.0		7	A
	WB	7.1	A	7.1	A	0.0		7.1	A
	NB	7.0	A	7.0	A	0.0	A	7	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	11.4	B	11.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis with Other Planned Projects
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	75.7	E	75.7	E	75.7	E
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.8	B	18.8	B	18.8	B
	NBT	7.9	A	7.9	A	7.9	A	7.9	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
Intersection		51.2	D	58.8	E	58.9	E	58.9	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.4	C	21.4	C
	EBT	21	C	21	C	21	C	21	C
	EBR	0.4	A	0.4	A	0.4	A	0.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14	B	14.1	B	14.1	B	14.1	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	5.7	A	5.8	A	5.7	A	5.7	A
	SBT	5.7	A	5.8	A	5.7	A	5.7	A
Intersection		12.5	B	12.6	B	12.6	B	12.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.7	C	21	C	21.6	C	20.7	C
	WBT	70.8	E	86.6	F	93.4	F	83.7	F
	WBR	19.4	B	20.3	C	20.8	C	19.8	B
	NBL	46.5	D	46.9	D	52.8	D	52.2	D
	NBT	14.6	B	15	B	17.4	B	18	B
	NBR								
	SBL								
	SBT	35.5	D	35.6	D	36.3	D	38.2	D
	SBR	42.5	D	42.9	D	44.7	D	48.1	D
Intersection		41.6	D	47.6	D	50.5	D	47.6	D

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Projects

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	29.7	C	31.1	C	37.7	D	35.2	D
	EBT	26	C	27	C	31.2	C	29.4	C
	EBR	5.5	A	5.9	A	6.7	A	6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.3	C	33.2	C	33.7	C
	NBR	15.8	B	16.9	B	16.2	B	16.5	B
	SBL	39.4	D	40.2	D	39.9	D	43.7	D
	SBT	14.6	B	14.5	B	14	B	14.2	B
Intersection		24.7	C	25.4	C	27.4	C	26.9	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.4	C	24.4	C	24.4	C
	WBT	127.1	F	141.9	F	141.9	F	141.9	F
	WBR	31.1	C	31.9	C	31.8	C	31.8	C
	NBL	39.4	D	38.9	D	39	D	39	D
	NBT	17.1	B	16.8	B	16.7	B	16.7	B
	NBR								
	SBL								
	SBT	19	B	19.1	B	19.1	B	19.1	B
	SBR	21.6	C	21.8	C	21.8	C	21.8	C
Intersection		75	E	82.4	F	82.4	F	82.4	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35.3	D	35.3	D	35.3	D
	EBT	19.5	B	19.6	B	20	B	20	B
	EBR	19.7	B	19.7	B	19.7	B	19.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.3	B	19.3	B	19.3	B
	NBR	22.9	C	23.1	C	23.1	C	23.1	C
	SBL	36.9	D	37.1	D	37.1	D	37.1	D
	SBT	14.4	B	14.5	B	14.5	B	14.5	B
Intersection		24.5	C	24.8	C	24.7	C	24.7	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Projects

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					32.1	C	32.1	C
	EBT					0.3	A	0.3	A
	EBR	31.2	C	31.2	C				
	WBL					22.7	C	22.7	C
	WBT	13.8	B	13.7	B	7.3	A	7.3	A
	WBR					4.8	A	4.8	A
	NBL	9.7	A	10.3	B	18.8	B	18.8	B
	NBT								
	NBR	2.5	A	2.6	A	5.3	A	5.3	A
	SBL	3.6	A	3.7	A	9.2	A	9.2	A
	SBT					0.6	A	0.6	A
Intersection		8.3	A	8.6	A	15.9	B	15.9	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.5	D	46.8	D	46.9	D	46.9	D
	EBT	39.8	D	39.9	D	39.6	D	39.6	D
	EBR								
	WBL	54.5	D	55.8	E	56	E	56	E
	WBT								
	WBR								
	NBL	19.9	B	20.5	C	20.8	C	20.8	C
	NBT	3.5	A	3.7	A	3.9	A	3.9	A
	NBR								
	SBL	19	B	19.5	B	20.3	C	20.3	C
Intersection		29.5	C	30.1	C	30.2	C	30.2	C
Lakeland Avenue & Manton Street	EBL	23.5	C	23.8	C	23.9	C	23.9	C
	EBT								
	EBR								
	WBL	13.5	B	13.5	B	13.6	B	13.6	B
	WBT								
	WBR								
	NBL	8	A	8.2	A	8.3	A	8.3	A
	NBT								
	NBR								
	SBL	7.9	A	8.1	A	8.4	A	8.4	A
Intersection		10.9	B	11.1	B	11.2	B	11.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis with Other Planned Projects
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.1	A	1.1	A	1.1	A	1.1	A
	EBR								
	WBL								
	WBT	8.5	A	9.6	A	10.9	B	10.9	B
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	32.8	C	32.8	C	32.8	C	32.8	C
	SBT								
	SBR	20.7	C	22.7	C	23.5	C	23.5	C
Intersection		8.1	A	9	A	9.9	A	9.9	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	3.3	A	3.3	A	3.3	A	3.3	A
	EBR								
	WBL								
	WBT	6.5	A	7	A	7.2	A	7.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	24.1	C	24.2	C	24	C	24	C
Intersection		6.7	A	7	A	7.2	A	7.2	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.6	A	5.6	A	5.6	A
	EBR								
	WBL								
	WBT	8	A	8.5	A	8.5	A	8.5	A
	WBR	3.2	A	3.2	A	3.3	A	3.3	A
	NBL	41.5	D	42	D	42.1	D	42.1	D
	NBT	28.7	C	28.5	C	28.5	C	28.5	C
	NBR								
	SBL								
	SBT	29.9	C	29.8	C	29.7	C	29.7	C
Intersection		12.5	B	12.8	B	12.8	B	12.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Projects

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.2	B	14.6	B	15.9	B	15.9	B
	EBT	12.2	B	12.6	B	13.3	B	13.3	B
	EBR								
	WBL	12.1	B	12.3	B	12.4	B	12.4	B
	WBT	21	C	22.9	C	25.4	C	25.4	C
	WBR	4.5	A	4.7	A	4.8	A	4.8	A
	NBL								
	NBT	42.7	D	42.7	D	43.4	D	43.4	D
	NBR								
	SBL	28.1	C	28.4	C	27.1	C	27.1	C
	SBT	26.1	C	26.1	C	25.2	C	25.2	C
Intersection		21.5	C	22.5	C	23.6	C	23.6	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	20.3	C	20.4	C	20.4	C
	EBT	19.7	B	19.1	B	19.1	B	19.1	B
	EBR								
	WBL	2.7	A	2.8	A	2.8	A	2.8	A
	WBT	4.4	A	5	A	5	A	5	A
	WBR								
	NBL								
	NBT	28	C	28	C	28	C	28	C
	NBR								
	SBL								
	SBT	30.3	C	30.4	C	30.5	C	30.5	C
	SBR	0.7	A	0.7	A	0.7	A	0.7	A
Intersection		8.9	A	9.2	A	9.2	A	9.2	A
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.4	A	0.6	A	0.6	A	0.6	A
	EBT	1.3	A	1.3	A	1.3	A	1.3	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10	A	9.3	A	9.2	A	9.2	A
	WBT	27.8	C	28	C	27.9	C	27.9	C
	WBR								
	NBL								
	NBT	43.1	D	44.9	D	44.9	D	44.9	D
	NBR	3.2	A	3.5	A	3.6	A	3.6	A
	SBL								
	SBT	18.5	B	18.6	B	18.6	B	18.6	B
Intersection		20.5	C	20.8	C	20.7	C	20.7	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Projects

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	39.3	D	39.6	D	39.9	D	39.9	D
	EBR								
	WBL								
	WBT	25.7	C	24.9	C	25.2	C	25.2	C
	WBR								
	NBL	4.4	A	5.1	A	5.2	A	5.2	A
	NBT	4.5	A	5	A	5.1	A	5.1	A
	NBR								
	SBL	4.7	A	4.7	A	5	A	5	A
	SBT	10.2	B	10.9	B	11.1	B	11.1	B
Intersection		11.3	B	11.9	B	12	B	12	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.9	B	15.8	B	15.8	B	15.9	B
	EBR								
	WBL								
	WBT	16.6	B	16.6	B	16.6	B	16.6	B
	WBR								
	NBL								
	NBT	20.2	C	20.2	C	20.1	C	20.2	C
	NBR								
	SBL	7.5	A	7.5	A	7.5	A	7.5	A
	SBT	7.5	A	7.5	A	7.4	A	7.4	A
	SBR								
	NWL	7.5	A	7.5	A	7.5	A	7.5	A
Intersection		9.8	A	9.8	A	9.7	A	9.7	A
Cherry Avenue & Brook Street	EBL								
	EBT	14	B	14.4	B	14.4	B	14.4	B
	EBR								
	WBL								
	WBT	11.4	B	11.6	B	11.6	B	11.6	B
	WBR								
	NBL								
	NBT	13.7	B	14	B	14	B	14	B
	NBR								
	SBL								
	SBT	12.5	B	12.7	B	13	B	13	B
Intersection		13.2	B	13.5	B	13.5	B	13.5	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Projects

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.8	B	18.8	B	18.8	B
	WBT	71.5	E	82.8	F	82.8	F	82.8	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.5	B	17.5	B	17.5	B
	NBT	4	A	4.1	A	4.1	A	4.1	A
	NBR								
	SBL								
	SBT	20.1	C	20.2	C	20.2	C	20.2	C
	SBR	1.8	A	1.9	A	1.9	A	1.9	A
Intersection		47.6	D	54.5	D	54.5	D	54.5	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20	B	20	B	20	B
	EBT	21.2	C	21.3	C	21.3	C	21.3	C
	EBR	0.8	A	0.8	A	0.8	A	0.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	17.8	B	17.8	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.7	A	2.7	A	2.7	A
	SBT	2.4	A	2.5	A	2.5	A	2.5	A
Intersection		12	B	12.1	B	12.1	B	12.1	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	29.9	C	31.5	C	31.5	C
	WBT	139.7	F	155.4	F	155.4	F	155.4	F
	WBR	9.6	A	10.8	B	12.6	B	12.6	B
	NBL	46	D	45.5	D	48.1	D	81.1	F
	NBT	15.5	B	15.5	B	15.9	B	15.9	B
	NBR								
	SBL								
	SBT	67.7	E	78.2	E	101.9	F	69.3	E
	SBR	89.3	F	100.1	F	123.3	F	90.8	F
Intersection		78	E	86.8	F	93.9	F	84.4	F

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Projects

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	28	C	28.5	C	30.5	C	30.5	C
	EBT	24.8	C	25.1	C	26.5	C	26.5	C
	EBR	6.2	A	7.3	A	14.9	B	14.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.6	C	32	C	32	C
	NBR	20.5	C	21.2	C	20.7	C	20.7	C
	SBL	44.5	D	44.4	D	42.9	D	45.9	D
	SBT	28.2	C	28	C	26.3	C	24.3	C
Intersection		26.8	C	27.1	C	27.7	C	27.6	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.5	C	23.5	C	23.5	C
	WBT	76.9	E	88.8	F	88.8	F	88.8	F
	WBR	22.8	C	23.1	C	23.1	C	23.1	C
	NBL	30.4	C	30.4	C	30.4	C	30.4	C
	NBT	12.8	B	12.8	B	12.8	B	12.8	B
	NBR								
	SBL								
	SBT	20.1	C	22.2	C	22.2	C	22.2	C
	SBR	80.1	F	133.8	F	133.8	F	133.8	F
Intersection		52.5	D	67.3	E	67.3	E	67.3	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.6	C	23.6	C	23.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22	C	22.2	C	22.2	C	22.2	C
	NBR	29.6	C	30.5	C	30.5	C	30.5	C
	SBL	41.2	D	40.1	D	40.2	D	40.2	D
	SBT	7.6	A	7.8	A	7.8	A	7.8	A
Intersection		23.6	C	23.6	C	23.6	C	23.6	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis with Other Planned Projects
Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					32.9	C	32.9	C
	EBR					0.3	A	0.3	A
	WBL	32.4	C	32.4	C				
	WBT					26.3	C	26.3	C
	WBR	14	B	13.9	B	2.6	A	2.6	A
	NBL					4	A	4	A
	NBT	8.9	A	9.2	A	16.7	B	16.7	B
	NBR								
	SBL	2.5	A	2.5	A	4.6	A	4.6	A
	SBT	5.5	A	5.7	A	17.9	B	17.9	B
	SBR					3.7	A	3.7	A
Intersection		7.4	A	7.6	A	16.3	B	16.3	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.9	D	46.6	D	47.1	D	47.5	D
	EBT	45	D	45.5	D	45.4	D	45.8	D
	EBR								
	WBL								
	WBT	103.1	F	116.7	F	120.4	F	112.5	F
	WBR								
	NBL								
	NBT	23.8	C	25.8	C	28.1	C	29.1	C
	NBR	4	A	4.2	A	4.6	A	4.7	A
	SBL								
	SBT	25.2	C	26	C	26.7	C	27.1	C
Intersection		42.4	D	45.9	D	47.2	D	46	D
Lakeland Avenue & Manton Street	EBL								
	EBT	21.2	C	21.4	C	21.4	C	21.4	C
	EBR								
	WBL								
	WBT	15.7	B	15.7	B	15.6	B	15.6	B
	WBR								
	NBL								
	NBT	8.5	A	8.7	A	9	A	9	A
	NBR								
	SBL								
	SBT	12.2	B	12.9	B	13.4	B	13.4	B
Intersection		12	B	12.5	B	12.7	B	12.7	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis with Other Planned Projects
Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.9	A	3	A	3	A
	EBT	2.7	A	2.8	A	2.9	A	2.9	A
	EBR								
	WBL								
	WBT	6.9	A	7.2	A	7.4	A	7.4	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.2	D	50.2	D
	SBT								
	SBR	15.3	B	18	B	19.1	B	19.1	B
Intersection		5.9	A	6.4	A	6.5	A	6.5	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	11.4	B	11.6	B	11.6	B
	EBR								
	WBL								
	WBT	7.2	A	8.2	A	7.9	A	7.9	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37	D	37.8	D	37.7	D	37.7	D
Intersection		11.3	B	12.2	B	12.2	B	12.2	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.4	B	11.8	B	11.8	B
	EBR								
	WBL								
	WBT	6.3	A	6.7	A	6.7	A	6.7	A
	WBR	2.4	A	2.3	A	2.2	A	2.2	A
	NBL	63.9	E	65.4	E	66.6	E	66.6	E
	NBT	33.2	C	33	C	33	C	33	C
	NBR								
	SBL								
	SBT	53.5	D	53.8	D	53.7	D	53.7	D
Intersection		17.2	B	17.9	B	18	B	18	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis with Other Planned Projects
Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	12.2	B	11.6	B	11.9	B	11.9	B
	EBT	19.5	B	18.8	B	18.9	B	18.9	B
	EBR								
	WBL	16	B	16.9	B	17.2	B	17.2	B
	WBT	18.8	B	20.1	C	20.4	C	20.4	C
	WBR	6.8	A	6.9	A	6.9	A	6.9	A
	NBL								
	NBT	53.2	D	53	D	53	D	53	D
	NBR								
	SBL	54.9	D	59.8	E	60.9	E	60.9	E
	SBT	31.6	C	32	C	32.3	C	32.3	C
Intersection		27.4	C	28.1	C	28.4	C	28.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.7	C	23.6	C	23.6	C
	EBT	38.6	D	43.9	D	44	D	44	D
	EBR								
	WBL	2	A	2.1	A	2.1	A	2.1	A
	WBT	2.5	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	29.2	C	28.8	C	28.6	C	28.6	C
	NBR								
	SBL								
	SBT	41.4	D	40.8	D	40.7	D	40.7	D
	SBR	8.1	A	8.3	A	8.2	A	8.2	A
Intersection		20.6	C	22.7	C	22.6	C	22.6	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.5	A	0.4	A	0.5	A	0.5	A
	EBT	3.2	A	3.5	A	3.5	A	3.5	A
	EBR	0.1	A	0	A	0	A	0	A
	WBL	19.1	B	21.6	C	21.8	C	21.8	C
	WBT	16.4	B	17.2	B	17.2	B	17.2	B
	WBR								
	NBL								
	NBT	48.7	D	49.1	D	49.5	D	49.5	D
	NBR	8.2	A	8.3	A	8.3	A	8.3	A
	SBL								
	SBT	26.3	C	26.5	C	26.5	C	26.5	C
Intersection		14.2	B	14.9	B	15	B	15	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Projects

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	55.4	E	55.4	E	55.4	E
	EBR								
	WBL								
	WBT	14.5	B	14.9	B	14.9	B	14.9	B
	WBR								
	NBL	13.4	B	13.2	B	13.2	B	13.2	B
	NBT	20.9	C	20.8	C	20.9	C	20.9	C
	NBR								
	SBL	7	A	6.5	A	6.5	A	6.5	A
	SBT	12.7	B	13	B	13.1	B	13.1	B
Intersection		21	C	21.3	C	21.5	C	21.5	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	17.4	B	19.3	B	17.4	B	17.4	B
	EBR								
	WBL								
	WBT	17.3	B	19.3	B	17.4	B	17.4	B
	WBR								
	NBL								
	NBT	17.5	B	19.6	B	17.5	B	17.5	B
	NBR								
	SBL	6.3	A	7.8	A	6.3	A	6.3	A
	SBT	6.2	A	7.8	A	6.3	A	6.3	A
	SBR								
	NWL	6.3	A	7.9	A	6.4	A	6.4	A
Intersection		8.9	A	10.6	B	8.9	A	8.9	A
Cherry Avenue & Brook Street	EBL								
	EBT	11.5	B	11.7	B	13	B	13	B
	EBR								
	WBL								
	WBT	12.5	B	12.7	B	14.1	B	14.1	B
	WBR								
	NBL								
	NBT	9.5	A	9.6	A	9.7	A	9.7	A
	NBR								
	SBL								
	SBT	13.2	B	13.4	B	15.4	B	15.4	B
Intersection		12.1	B	12.2	B	13.6	B	13.6	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis with Other Planned Projects
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.1	B	18.1	B	18.1	B	18.1	B
	WBT	18.9	B	19	B	19	B	19	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	18.7	B	18.9	B	18.9	B	18.9	B
	NBT	3.3	A	3.4	A	3.4	A	3.4	A
	NBR								
	SBL								
	SBT	19.1	B	19.1	B	19.1	B	19.1	B
	SBR	0.3	A	0.3	A	0.3	A	0.3	A
Intersection		14.3	B	14.4	B	14.4	B	14.4	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.7	C	20.6	C	20.6	C	20.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	0.9	A	0.9	A	0.9	A	0.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.6	B	15.7	B	15.7	B	15.7	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2	A	2	A	2	A	2	A
	SBT	1.7	A	1.7	A	1.7	A	1.7	A
Intersection		12.6	B	12.6	B	12.6	B	12.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.4	C	28.4	C	29.9	C	30.2	C
	WBT	27.7	C	27.7	C	27.8	C	28	C
	WBR	5.2	A	6.2	A	7.9	A	7.9	A
	NBL	54	D	54.9	D	59	E	55.1	E
	NBT	14.2	B	14.4	B	14.6	B	15.1	B
	NBR								
	SBL								
	SBT	29.7	C	30.6	C	32.1	C	32.5	C
	SBR	34.3	C	35.6	D	38.1	D	38.8	D
Intersection		26.7	C	27.2	C	28.7	C	28.7	C

NELSON & POPE
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Phase 2 Analysis with Other Planned Projects
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	26.9	C	27.1	C	28.2	C	28.8	C
	EBT	24.8	C	24.9	C	25.6	C	26	C
	EBR	3.9	A	3.9	A	7.7	A	7.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	27.5	C	27.8	C	28.3	C	28.3	C
	NBR	13.5	B	14.8	B	16.1	B	15.9	B
	SBL	41.5	D	41.7	D	41.5	D	40.3	D
	SBT	23.1	C	23.6	C	22.6	C	22.3	C
Intersection		23.4	C	23.8	C	24.2	C	24.2	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	21.2	C	21.4	C	21.4	C	21.4	C
	WBT	21.7	C	21.9	C	21.9	C	21.9	C
	WBR	20.1	C	20.2	C	20.2	C	20.2	C
	NBL	34.5	C	34.5	C	34.5	C	34.5	C
	NBT	11.7	B	11.6	B	11.7	B	11.7	B
	NBR								
	SBL								
	SBT	19	B	19.2	B	19.2	B	19.2	B
	SBR	22.3	C	22.6	C	22.6	C	22.6	C
Intersection		20.7	C	20.8	C	20.8	C	20.8	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.3	C	23.3	C	23.3	C	23.3	C
	EBT	21	C	21	C	21	C	21	C
	EBR	23.1	C	23.1	C	23.1	C	23.1	C
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	18.2	B	18.4	B	18.4	B	18.4	B
	NBR	22.7	C	23.4	C	23.4	C	23.4	C
	SBL	35.9	D	35.9	D	35.9	D	35.9	D
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
Intersection		19.7	B	19.9	B	19.9	B	19.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis with Other Planned Projects
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					32.5	C	32.5	C
	EBT					1.3	A	1.3	A
	EBR	32.5	C	32.6	C				
	WBL					25.7	C	25.7	C
	WBT	13.6	B	13.6	B	5.2	A	5.2	A
	WBR					3.9	A	3.9	A
	NBL	9.3	A	9.6	A	14.8	B	14.8	B
	NBT								
	NBR	2.5	A	2.5	A	4.4	A	4.4	A
	SBL	5.4	A	5.6	A	8	A	8	A
	SBT					2.7	A	2.7	A
Intersection		7.8	A	8.1	A	13.6	B	13.6	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	44	D	44.4	D	45	D	45	D
	EBT	40.1	D	40.3	D	40	D	40	D
	EBR								
	WBL	48.1	D	48.8	D	48.8	D	48.8	D
	WBT								
	WBR								
	NBL	20.8	C	21.5	C	22.7	C	22.7	C
	NBT	5	A	5.2	A	5.7	A	5.7	A
	NBR								
	SBL	22	C	22.9	C	24.3	C	24.3	C
	SBT								
Intersection		27.2	C	27.8	C	28.6	C	28.6	C
Lakeland Avenue & Manton Street	EBL	20.8	C	20.6	C	20.8	C	20.8	C
	EBT								
	EBR								
	WBL	14.4	B	14.4	B	14.3	B	14.3	B
	WBT								
	WBR								
	NBL	8.2	A	8.4	A	8.8	A	8.8	A
	NBT								
	NBR								
	SBL	10.2	B	10.8	B	11.5	B	11.5	B
	SBT								
Intersection		10.3	B	10.7	B	11.2	B	11.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis with Other Planned Projects
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.9	A	1.9	A	2	A	2	A
	EBR								
	WBL								
	WBT	5	A	5.1	A	5.2	A	5.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.5	D	50.5	D	50.7	D	50.7	D
	SBT								
	SBR	16	B	16.1	B	16	B	16	B
Intersection		5.1	A	5.2	A	5.3	A	5.3	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.8	A	7	A	7.3	A	7.3	A
	EBR								
	WBL								
	WBT	5.5	A	6	A	6.3	A	6.3	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	36.5	D	37.1	D	37	D	37	D
Intersection		8.9	A	9.3	A	9.6	A	9.6	A
Greene Avenue & Montauk Highway	EBL								
	EBT	7.3	A	7.5	A	7.6	A	7.6	A
	EBR								
	WBL								
	WBT	6	A	6.9	A	7.3	A	7.3	A
	WBR	2.8	A	2.9	A	3	A	3	A
	NBL	49.2	D	49.6	D	49.8	D	49.8	D
	NBT	34.2	C	33.8	C	33.9	C	33.9	C
	NBR								
	SBL								
	SBT	52.6	D	52.5	D	52.5	D	52.5	D
Intersection		15.4	B	15.9	B	15.9	B	15.9	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Projects

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	14.5	B	14.5	B	14.8	B	14.8	B
	EBT	18.1	B	18.2	B	18	B	18	B
	EBR								
	WBL	15.5	B	15.8	B	15.8	B	15.8	B
	WBT	19.2	B	19.8	B	20.2	C	20.2	C
	WBR	5.4	A	5.7	A	5.9	A	5.9	A
	NBL								
	NBT	50.6	D	51	D	51.1	D	51.1	D
	NBR								
	SBL	78.5	E	91.1	F	93.5	F	93.5	F
	SBT	29.6	C	30	C	30.8	C	30.8	C
Intersection		30.6	C	32.9	C	33.4	C	33.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	24.3	C	24.9	C	25	C	25	C
	EBT	32.5	C	33.5	C	33.7	C	33.7	C
	EBR								
	WBL	2	A	2.3	A	2.5	A	2.5	A
	WBT	3.3	A	3.5	A	3.7	A	3.7	A
	WBR								
	NBL								
	NBT	24.5	C	24.2	C	24.4	C	24.4	C
	NBR								
	SBL								
	SBT	41.4	D	41.5	D	41.6	D	41.6	D
	SBR	2.6	A	3	A	3	A	3	A
Intersection		16	B	16.5	B	16.7	B	16.7	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1	A	1.1	A	1	A	1	A
	EBT	2.5	A	2.5	A	2.6	A	2.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	18.8	B	20	C	20.2	C	20.2	C
	WBT	20.8	C	21.6	C	21.5	C	21.5	C
	WBR								
	NBL								
	NBT	43.2	D	43.5	D	43.5	D	43.5	D
	NBR	7.1	A	7.1	A	7.1	A	7.1	A
	SBL								
	SBT	22.1	C	22.2	C	22.2	C	22.2	C
Intersection		15.6	B	16	B	16	B	16	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis with Other Planned Projects
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	53.2	D	53.8	D	54.3	D	54.3	D
	EBR								
	WBL								
	WBT	26.6	C	26.4	C	26.3	C	26.3	C
	WBR								
	NBL	11.4	B	11.5	B	11.7	B	11.7	B
	NBT	17.9	B	18.2	B	18.4	B	18.4	B
	NBR								
	SBL	6.2	A	6.2	A	6.2	A	6.2	A
	SBT	13.5	B	14.3	B	14.8	B	14.8	B
Intersection		19.1	B	19.7	B	20.2	C	20.2	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	14.5	B	14.4	B	14.4	B	14.5	B
	EBR								
	WBL								
	WBT	14.5	B	14.5	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	19.1	B	19.1	B	19.1	B	19.1	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	6.2	A	6.2	A	6.2	A	6.2	A
	SBR								
	NWL	6.1	A	6.1	A	6.1	A	6.1	A
Intersection		7.5	A	7.5	A	7.5	A	7.5	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.5	B	10.6	B	10.7	B	10.7	B
	EBR								
	WBL								
	WBT	10.2	B	10.3	B	10.3	B	10.3	B
	WBR								
	NBL								
	NBT	9.3	A	9.3	A	9.3	A	9.3	A
	NBR								
	SBL								
	SBT	10.7	B	10.7	B	10.9	B	10.9	B
Intersection		10.3	B	10.3	B	10.5	B	10.5	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.6	C	23.4	C	29.5	D	29.5	D
	NB	9.1	A	9.1	A	9.3	A	9.3	A
Lakeland Avenue & Chester Road	EB	37.0	E	39.7	E	44.0	E	44.0	E
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.1	C	16.5	C	16.5	C
	WB	18.3	C	19.2	C	19.6	C	19.6	C
	NB	0.8	A	0.8	A	0.8	A	0.8	A
	SB	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue & Depot Street	EB	13.9	B	14.3	B	14.6	B	14.6	B
	NB	8.5	A	8.5	A	8.6	A	8.6	A
Railroad Avenue & Hiddink Street	WB	12.4	B	12.6	B	12.6	B	12.6	B
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	3.1	A	3.1	A	3.1	A
Railroad Avenue & Center Street	EB	12.7	B	12.9	B	13.0	B	13.0	B
	NB	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.1	A	2.2	A	2.2	A	2.2	A
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.6	B	10.7	B	10.6	B	10.6	B
	SB	20.3	C	21.6	C	21.7	C	21.7	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.5	A	9.5	A	9.5	A
Bohemia Pkwy. & Terry Road	EB	0.3	A	0.3	A	0.3	A	0.3	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.3	B	11.4	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.5	B	10.6	B	10.6	B	10.6	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.0	A	8.0	A
	WB	8.2	A	8.2	A	8.2	A	8.2	A
	SB	7.2	A	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.7	A	9.7	A	9.7	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.2	A	8.3	A	8.3	A
	WB	10.6	B	10.7	B	10.7	B	10.7	B
	NB	9.5	A	9.5	A	9.6	A	9.6	A
Tariff Street/Terry Road & Chester Road	EB	2.1	A	2.1	A	2.1	A	2.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.1	B	10.1	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	8.9	A	9.0	A	8.9	A	8.9	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0		0.0	
	SB	2.4	A	2.4	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.0	A	1.0	A	1.0	A	1.0	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB	8.4	A	8.5	A	8.5	A	8.5	A
	WB	8.6	A	8.7	A	8.7	A	8.7	A
	NB	8.7	A	8.7	A	8.8	A	8.8	A
	SB	8.9	A	9.0	A	9.0	A	9.0	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.6	B	10.6	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.5	C	23.2	C	27.6	D	27.4	D
	NB	10.3	B	10.4	B	11.1	B	11.1	B
Lakeland Avenue & Chester Road	EB	83.0	F	98.4	F	161.5	F	161.5	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	23.1	C	24.7	C	25.2	D	25.2	D
	WB	24.6	C	27.5	D	27.9	D	27.9	D
	NB	0.2	A	0.2	A	0.2	A	0.2	A
	SB	0.5	A	0.5	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	25.6	D	27.7	D	29.1	D	29.1	D
	NB	3.8	A	3.9	A	4.0	A	4.0	A
Railroad Avenue & Hiddink Street	WB	26.3	D	28.7	D	30.2	D	30.2	D
	NB	0.0		0.0		0.0		0.0	
	SB	4.2	A	4.3	A	4.3	A	4.3	A
Railroad Avenue & Center Street	EB	28.9	D	31.3	D	31.7	D	31.7	D
	NB	2.1	A	2.1	A	2.1	A	2.1	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.3	A	2.5	A	2.6	A	2.6	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	62.1	F	79.4	F	81.3	F	81.3	F
	SB	19.2	C	20.5	C	20.6	C	20.6	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.2	A	9.2	A	9.2	A	9.2	A
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.1	A	0.0	A	0.0	A	0.0	A
	NB	11.8	B	11.9	B	11.9	B	11.9	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	11.2	B	11.3	B	11.3	B	11.3	B
Terry Road & Sterling Place	EB	8.8	A	8.8	A	8.9	A	8.9	A
	WB	8.2	A	8.3	A	8.3	A	8.3	A
	SB	7.4	A	7.4	A	7.4	A	7.4	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.0	A	10.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.8	A	9.9	A	10.0	A	10.0	A
	WB	12.3	B	12.5	B	12.6	B	12.6	B
	NB	11.1	B	11.3	B	11.4	B	11.4	B
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	11.2	B	11.3	B	11.3	B	11.3	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	10.0	A	10.0	A	10.0	B	10.0	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	2.4	A	2.3	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB	12.0	B	12.2	B	12.4	B	12.4	B
	WB	10.1	B	10.2	B	10.3	B	10.3	B
	NB	11.3	B	11.5	B	11.6	B	11.6	B
	SB	12.9	B	13.3	B	13.4	B	13.4	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	11.1	B	11.1	B

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Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	23.7	C	24.6	C	29.1	D	29.1	D
	NB	9.6	A	9.7	A	10.1	B	10.1	B
Lakeland Avenue & Chester Road	EB	63.3	F	72.3	F	104.3	F	104.3	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	18.1	C	18.9	C	19.7	C	19.7	C
	WB	27.1	D	29.8	D	31.9	D	31.9	D
	NB	0.3	A	0.3	A	0.3	A	0.3	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	28.3	D	31.2	D	34.9	D	34.9	D
	NB	3.6	A	3.7	A	3.8	A	3.8	A
Railroad Avenue & Hiddink Street	WB	30.8	D	35.3	E	38.5	E	38.5	E
	NB	0.0		0.0		0.0		0.0	
	SB	3.4	A	3.5	A	3.6	A	3.6	A
Railroad Avenue & Center Street	EB	23.0	C	24.5	C	25.2	D	25.3	D
	NB	1.6	A	1.6	A	1.6	A	1.6	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.7	A	1.8	A	1.9	A	1.9	A
	WB	0.3	A	0.4	A	0.4	A	0.4	A
	NB	52.5	F	65.2	F	67.5	F	67.5	F
	SB	16.8	C	17.6	C	17.7	C	17.7	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.9	B	11.0	B	11.0	B	11.0	B
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0.0	
	NB	12.1	B	12.2	B	12.2	B	12.2	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.6	B	10.7	B	10.8	B	10.8	B
Terry Road & Sterling Place	EB	8.6	A	8.6	A	8.7	A	8.7	A
	WB	8.3	A	8.3	A	8.3	A	8.3	A
	SB	7.3	A	7.3	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.7	A	9.8	A	9.9	A	9.9	A
	WB	10.3	B	10.5	B	10.6	B	10.6	B
	NB	11.0	B	11.2	B	11.4	B	11.4	B
Tariff Street/Terry Road & Chester Road	EB	1.8	A	1.8	A	1.8	A	1.8	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.3	B	10.3	B	10.3	B	10.3	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.6	A	9.6	A	9.6	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.7	A	0.7	A	0.7	A	0.7	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.9	A	0.9	A	0.9	A	0.9	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	5.0	A	5.0	A	5.0	A	5.0	A
Lincoln Avenue & Hiddink Street	EB	9.9	A	10.0	B	10.1	B	10.1	B
	WB	9.4	A	9.5	A	9.6	A	9.6	A
	NB	10.6	B	10.7	B	10.9	B	10.9	B
	SB	10.4	B	10.5	B	10.6	B	10.6	B
Site Access & 11th Street	EB	7.0	A	7.0	A	6.9	A	6.9	A
	WB	7.1	A	7.1	A	6.9	A	6.9	A
	NB	7.0	A	7.0	A	6.9	A	6.9	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	11.4	B	11.4	B

Level of Service Table: Phase 2 Summer

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	17.1	B	17.1	B	17.1	B
	WBT	18.6	B	18.6	B	18.6	B
	WBR	0.2	A	0.2	A	0.2	A
	NBL	17.5	B	17.8	B	17.8	B
	NBT	6.9	A	7.1	A	7.1	A
	NBR						
	SBL						
	SBT	18.8	B	18.9	B	18.9	B
	SBR	0.2	A	0.2	A	0.2	A
Intersection		14.4	B	14.4	B	14.5	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.4	C	20.5	C	20.5	C
	EBT	21.2	C	21.2	C	21.2	C
	EBR	0.4	A	0.4	A	0.4	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	14.8	B	14.9	B	14.9	B
	NBR	0.1	A	0.1	A	0.1	A
	SBL	8	A	8	A	8.1	A
	SBT	7.7	A	7.8	A	7.8	A
Intersection		13.5	B	13.6	B	13.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	23.8	C	23.7	C	24	C
	WBT	25.3	C	25.2	C	25.3	C
	WBR	28.6	C	29.1	C	29.5	C
	NBL	53.5	D	53.7	D	56.3	E
	NBT	13.8	B	14.3	B	15.7	B
	NBR						
	SBL						
	SBT	30.5	C	31.2	C	32.1	C
	SBR	34.5	C	35.5	D	36.7	D
Intersection		26	C	26.4	C	27.5	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	34	C	34.9	C	38.8	D
	EBT	28.1	C	28.7	C	31.3	C
	EBR	6.1	A	6.3	A	6.7	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	33.4	C	33.7	C	33.6	C
	NBR	15.6	B	15.8	B	16.1	B
	SBL	42.9	D	42.7	D	42.6	D
	SBT	13.5	B	13.3	B	12.9	B
Intersection		26.2	C	26.6	C	27.8	C
Johnson Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	23.2	C	23.3	C	23.3	C
	WBT	25	C	25.1	C	25.1	C
	WBR	37.1	D	37.8	D	38	D
	NBL	35.9	D	35.6	D	35.5	D
	NBT	19.8	B	19.7	B	19.6	B
	NBR						
	SBL						
	SBT	17.1	B	18.1	B	18.1	B
	SBR	19.4	B	20.8	C	20.8	C
Intersection		25.3	C	25.6	C	25.7	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	31.9	C	31.9	C	32.1	C
	EBT	19.7	B	19.6	B	19.6	B
	EBR	19.9	B	19.8	B	19.8	B
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	20.5	C	20.7	C	20.7	C
	NBR	23.3	C	23.6	C	23.6	C
	SBL	42.5	D	42.4	D	42.6	D
	SBT	12.6	B	12.8	B	12.8	B
Intersection		25	C	25	C	25.1	C

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL						
	EBT					30	C
	EBR					0.2	A
	WBL	30.7	C	30.8	C		
	WBT					23.6	C
	WBR	13.9	B	14	B	5.7	A
	NBL					3.5	A
	NBT	8.8	A	10	A	14.2	B
	NBR						
	SBL	2.3	A	2.4	A	4.1	A
	SBT	4.4	A	5.3	A	11.7	B
	SBR					0.1	A
Intersection		7.1	A	8	A	13.1	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.6	D	46.8	D	46.9	D
	EBT	38.9	D	38.9	D	38.7	D
	EBR						
	WBL						
	WBT	59.7	E	61.1	E	61.2	E
	WBR						
	NBL						
	NBT	20.2	C	20.6	C	20.8	C
	NBR	3.5	A	3.5	A	3.5	A
	SBL						
	SBT	22.3	C	22.9	C	23.4	C
Intersection		31.8	C	32.3	C	32.5	C
Lakeland Avenue & Manton Street	EBL						
	EBT	21.7	C	21.7	C	21.7	C
	EBR						
	WBL						
	WBT	14.5	B	14.4	B	14.4	B
	WBR						
	NBL						
	NBT	5.9	A	5.9	A	6	A
	NBR						
	SBL						
	SBT	6.8	A	7	A	7.1	A
Intersection		8.1	A	8.2	A	8.2	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.3	A	1.3	A	1.3	A
	EBT	1.2	A	1.2	A	1.2	A
	EBR						
	WBL						
	WBT	5.5	A	5.6	A	5.6	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	33.1	C	33.1	C	33.1	C
	SBT						
	SBR	12.9	B	12.9	B	12.9	B
Intersection		4.8	A	4.8	A	4.8	A
Montauk Highway & Cherry Avenue	EBL						
	EBT	4	A	4.1	A	4.1	A
	EBR						
	WBL						
	WBT	4.5	A	4.6	A	4.6	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	23	C	23.1	C	23	C
Intersection		6	A	6.1	A	6.1	A
Greene Avenue & Montauk Highway	EBL						
	EBT	5.4	A	5.6	A	5.7	A
	EBR						
	WBL						
	WBT	6.7	A	6.8	A	6.7	A
	WBR	5.2	A	5.2	A	5	A
	NBL	36	D	36.3	D	36.3	D
	NBT	28.9	C	28.9	C	29	C
	NBR						
	SBL						
	SBT	38.8	D	39	D	39	D
Intersection		12.1	B	12.2	B	12.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	10.2	B	10.4	B	10.6	B
	EBT	10.3	B	10.6	B	10.8	B
	EBR						
	WBL	11.1	B	11.1	B	11.1	B
	WBT	12.6	B	12.8	B	12.9	B
	WBR	2.9	A	3.1	A	3.1	A
	NBL						
	NBT	41.9	D	41.9	D	41.9	D
	NBR						
	SBL	32.2	C	32.8	C	33.1	C
	SBT	26.9	C	27.1	C	27.3	C
Intersection		17.5	B	17.7	B	17.8	B
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	21.5	C	21.5	C	21.2	C
	EBT	25.4	C	25.4	C	25.2	C
	EBR						
	WBL	0.9	A	1.1	A	1.1	A
	WBT	2.2	A	2.4	A	2.4	A
	WBR						
	NBL						
	NBT	19.3	B	18.6	B	19.3	B
	NBR						
	SBL						
	SBT	28.9	C	28.9	C	28.9	C
	SBR	0.5	A	0.5	A	0.5	A
Intersection		10.9	B	11	B	11	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.3	A	0.3	A	0.3	A
	EBT	1.6	A	1.6	A	1.6	A
	EBR	0.1	A	0.1	A	0.1	A
	WBL	12.9	B	12.3	B	12.2	B
	WBT	22.6	C	22.1	C	22	C
	WBR						
	NBL						
	NBT	47.3	D	48.1	D	48	D
	NBR	2.7	A	2.9	A	2.9	A
	SBL						
	SBT	19.5	B	19.8	B	19.6	B
Intersection		17.4	B	17.3	B	17.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL						
	EBT	44.2	D	44.1	D	44.2	D
	EBR						
	WBL						
	WBT	16.6	B	16.3	B	16.3	B
	WBR						
	NBL	5.1	A	5.3	A	5.4	A
	NBT	6	A	6.4	A	6.4	A
	NBR						
	SBL	6	A	6	A	6	A
	SBT	11.9	B	12.4	B	12.5	B
Intersection		14	B	14.3	B	14.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL						
	EBT	16	B	15.9	B	16	B
	EBR						
	WBL						
	WBT	16.2	B	16.2	B	16.2	B
	WBR						
	NBL						
	NBT	20.1	C	19.9	B	20.1	C
	NBR						
	SBL	7.6	A	7.7	A	7.7	A
	SBT	7.9	A	7.9	A	7.9	A
	SBR						
	NWL	7.6	A	7.6	A	7.6	A
Intersection		10.6	B	10.7	B	10.6	B
Cherry Avenue & Brook Street	EBL						
	EBT	9.6	A	9.6	A	9.6	A
	EBR						
	WBL						
	WBT	9.1	A	9.1	A	9.1	A
	WBR						
	NBL						
	NBT	8.5	A	8.5	A	8.5	A
	NBR						
	SBL						
	SBT	9.2	A	9.3	A	9.3	A
Intersection		9.2	A	9.2	A	9.3	A

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.5	B	17.6	B	17.6	B
	WBT	39.8	D	42.9	D	43.8	D	43.8	D
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	16.1	B	16.2	B	16.1	B	16.1	B
	NBT	3.2	A	3.3	A	3.3	A	3.3	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		28.8	C	30.8	C	31.4	C	31.4	C
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.4	B	19.5	B	19.5	B	19.5	B
	EBT	21.9	C	22	C	22	C	22	C
	EBR	0.6	A	0.6	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	16.3	B	16.3	B	16.3	B	16.3	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.2	A	3.2	A	3.2	A
	SBT	2.3	A	2.4	A	2.4	A	2.4	A
Intersection		13.6	B	13.7	B	13.7	B	13.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.3	C	29.1	C	29.1	C
	WBT	47.1	D	50.5	D	42.4	D	42.4	D
	WBR	5.2	A	5.9	A	6.9	A	6.9	A
	NBL	49.6	D	49.6	D	51.2	D	59.3	E
	NBT	15	B	15	B	14.5	B	14.5	B
	NBR								
	SBL								
	SBT	67.8	E	74.3	E	86.4	F	72.5	E
	SBR	90.3	F	97.1	F	112.2	F	98.2	F
Intersection		48.7	D	52.2	D	55.2	E	50.4	D

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.9	C	25.9	C	27.3	C	27.3	C
	EBT	23.4	C	23.3	C	24.3	C	24.3	C
	EBR	7.3	A	8	A	11.7	B	11.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	34.5	C	35.2	D	34.6	C	34.6	C
	NBR	17.6	B	18.2	B	17.9	B	17.9	B
	SBL	44.5	D	45	D	46.1	D	47.1	D
	SBT	31.8	C	32	C	30.3	C	29.1	C
Intersection		28.4	C	28.7	C	28.9	C	28.8	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	19.1	B	19.1	B	19.2	B	19.2	B
	WBT	21.9	C	22.1	C	22.1	C	22.1	C
	WBR	20.1	C	20.2	C	20.2	C	20.2	C
	NBL	25.9	C	25.9	C	26.1	C	26.1	C
	NBT	13.8	B	13.7	B	13.7	B	13.7	B
	NBR								
	SBL								
	SBT	18.3	B	18.4	B	18.5	B	18.5	B
	SBR	68.8	E	74.8	E	76	E	76	E
Intersection		33.4	C	35.1	D	35.5	D	35.5	D
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.2	C	23.3	C	23.3	C	23.3	C
	EBT	20.5	C	20.6	C	20.6	C	20.6	C
	EBR	18.2	B	18.2	B	18.2	B	18.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	23.1	C	23.3	C	23.3	C	23.3	C
	NBR	28.2	C	28.8	C	28.9	C	28.9	C
	SBL	47.4	D	47.5	D	47.5	D	47.5	D
	SBT	6.2	A	6.2	A	6.2	A	6.2	A
Intersection		25.3	C	25.4	C	25.4	C	25.4	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					30	C	30	C
	EBR					0.1	A	0.1	A
	WBL	33.4	C	33.4	C				
	WBT					27.8	C	27.8	C
	WBR	14	B	14	B	6.8	A	6.8	A
	NBL					3.3	A	3.3	A
	NBT	9.8	A	10	B	12.1	B	12.1	B
	NBR								
	SBL	2.7	A	2.7	A	3.7	A	3.7	A
	SBT	6.4	A	6.6	A	13	B	13	B
	SBR					2.4	A	2.4	A
Intersection		8.4	A	8.5	A	12.3	B	12.3	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.2	D	43.4	D	43.5	D	43.5	D
	EBT	41.8	D	42	D	41.8	D	41.8	D
	EBR								
	WBL								
	WBT	47.1	D	47.3	D	47.4	D	47.4	D
	WBR								
	NBL								
	NBT	18.4	B	18.9	B	19.3	B	19.3	B
	NBR	4.3	A	4.4	A	4.7	A	4.7	A
	SBL								
	SBT	21.7	C	22.3	C	22.8	C	22.8	C
Intersection		26	C	26.4	C	26.6	C	26.6	C
Lakeland Avenue & Manton Street	EBL								
	EBT	20.9	C	20.9	C	20.9	C	20.9	C
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	8.4	A	8.5	A	8.7	A	8.7	A
	NBR								
	SBL								
	SBT	9.2	A	9.4	A	9.6	A	9.6	A
Intersection		10.2	B	10.4	B	10.5	B	10.5	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.8	A	2.9	A	2.9	A
	EBT	3.5	A	3.6	A	3.6	A	3.6	A
	EBR								
	WBL								
	WBT	7.5	A	7.7	A	7.8	A	7.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52	D	52	D	52	D
	SBT								
	SBR	12.6	B	12.5	B	12.4	B	12.4	B
Intersection		6.3	A	6.4	A	6.5	A	6.5	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.3	B	10.7	B	11	B	11	B
	EBR								
	WBL								
	WBT	5.1	A	5.3	A	5.4	A	5.4	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	38.7	D	38.6	D	39.1	D	39.1	D
Intersection		10.6	B	10.9	B	11.1	B	11.1	B
Greene Avenue & Montauk Highway	EBL								
	EBT	8.4	A	8.7	A	8.8	A	8.8	A
	EBR								
	WBL								
	WBT	5.9	A	6	A	6	A	6	A
	WBR	2.4	A	2.3	A	2.3	A	2.3	A
	NBL	51.9	D	52.8	D	52.4	D	52.4	D
	NBT	36.2	D	36.2	D	36.3	D	36.3	D
	NBR								
	SBL								
	SBT	50.2	D	50.5	D	50.5	D	50.5	D
Intersection		13.8	B	14	B	14.1	B	14.1	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	11.3	B	11.3	B	11.2	B	11.2	B
	EBT	16.7	B	16.9	B	16.8	B	16.8	B
	EBR								
	WBL	12.4	B	12.7	B	12.8	B	12.8	B
	WBT	16.9	B	17.4	B	17.5	B	17.5	B
	WBR	4.8	A	4.9	A	5	A	5	A
	NBL								
	NBT	50.5	D	50.8	D	50.9	D	50.9	D
	NBR								
	SBL	63.2	E	71.5	E	73.8	E	73.8	E
	SBT	31.7	C	32.4	C	32.6	C	32.6	C
Intersection		25.8	C	27.2	C	27.5	C	27.5	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	25.9	C	26.2	C	26.2	C
	EBT	53.6	D	56.7	E	57.8	E	57.8	E
	EBR								
	WBL	1.8	A	1.8	A	1.8	A	1.8	A
	WBT	2.5	A	2.6	A	2.6	A	2.6	A
	WBR								
	NBL								
	NBT	25.1	C	25.2	C	25	C	25	C
	NBR								
	SBL								
	SBT	42.1	D	42.2	D	42.2	D	42.2	D
	SBR	3.1	A	3.3	A	3.3	A	3.3	A
Intersection		25.6	C	26.8	C	27.2	C	27.2	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.6	A	0.6	A	0.6	A	0.6	A
	EBT	3.2	A	3.3	A	3.3	A	3.3	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	22.8	C	25.3	C	26	C	26	C
	WBT	20.3	C	21.2	C	21.4	C	21.4	C
	WBR								
	NBL								
	NBT	54	D	56.5	E	57	E	57	E
	NBR	6.7	A	6.7	A	6.7	A	6.7	A
	SBL								
	SBT	26.6	C	26.8	C	27	C	27	C
Intersection		17.7	B	18.5	B	18.6	B	18.6	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	52.6	D	52.6	D	52.6	D
	EBR								
	WBL								
	WBT	2.8	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL	11.3	B	11.6	B	11.7	B	11.7	B
	NBT	17.1	B	17.6	B	17.7	B	17.7	B
	NBR								
	SBL	6.7	A	6.8	A	6.9	A	6.9	A
	SBT	11.2	B	11.6	B	11.7	B	11.7	B
Intersection		18.4	B	18.8	B	18.9	B	18.9	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.5	B	16.5	B	16.5	B	16.5	B
	EBR								
	WBL								
	WBT	16.9	B	16.9	B	16.9	B	16.9	B
	WBR								
	NBL								
	NBT	16.9	B	16.9	B	16.9	B	16.9	B
	NBR								
	SBL	4.2	A	4.2	A	4.2	A	4.2	A
	SBT	4.2	A	4.2	A	4.3	A	4.3	A
	SBR								
	NWL	4.2	A	4.2	A	4.2	A	4.2	A
Intersection		6.1	A	6	A	6	A	6	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.7	B	10.8	B	10.8	B
	EBR								
	WBL								
	WBT	10.1	B	10.1	B	10.1	B	10.1	B
	WBR								
	NBL								
	NBT	9.1	A	9.1	A	9.2	A	9.2	A
	NBR								
	SBL								
	SBT	11.1	B	11.1	B	11.2	B	11.2	B
Intersection		10.5	B	10.5	B	10.6	B	10.6	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.4	B	18.4	B	18.5	B	18.5	B
	WBT	51.8	D	56.8	E	58.1	E	58.1	E
	WBR	0.4	A	0.4	A	0.4	A	0.4	A
	NBL	17.8	B	17.8	B	17.9	B	17.9	B
	NBT	5	A	5	A	5	A	5	A
	NBR								
	SBL								
	SBT	20.2	C	20.2	C	20.2	C	20.2	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		35.7	D	38.8	D	39.6	D	39.6	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.2	C	20.2	C	20.3	C	20.3	C
	EBT	21.5	C	21.6	C	21.6	C	21.6	C
	EBR	0.6	A	0.6	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.4	B	17.5	B	17.5	B	17.5	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.1	A	3.1	A	3.2	A	3.2	A
	SBT	3	A	3	A	3	A	3	A
Intersection		12.9	B	12.9	B	12.9	B	12.9	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	30.6	C	31	C	32.2	C	32.2	C
	WBT	134	F	144	F	146.1	F	146.1	F
	WBR	14.3	B	15.3	B	16.6	B	16.6	B
	NBL	46.9	D	46.7	D	47.6	D	51.9	D
	NBT	15.4	B	15.4	B	14.9	B	14.9	B
	NBR								
	SBL								
	SBT	65.8	E	73	E	88	F	75.8	E
	SBR	84.7	F	92.4	F	106.6	F	94.4	F
Intersection		74.1	E	79.7	E	84.8	F	80.9	F

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25	C	24.9	C	26.3	C	26.3	C
	EBT	23.2	C	23	C	24.2	C	24.2	C
	EBR	6	A	6.6	A	10.2	B	10.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	32.3	C	32.9	C	32.6	C	32.6	C
	NBR	18	B	18.5	B	18.4	B	18.4	B
	SBL	44.5	D	45.1	D	44	D	45.1	D
	SBT	31.3	C	31.6	C	29.9	C	28.9	C
Intersection		27	C	27.3	C	27.4	C	27.3	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.5	C	20.6	C	19.2	B	19.2	B
	WBT	23.6	C	23.9	C	23.9	C	23.9	C
	WBR	19.9	B	20	C	22	C	22	C
	NBL	27.9	C	27.8	C	27.9	C	27.9	C
	NBT	13.6	B	13.5	B	13.6	B	13.6	B
	NBR								
	SBL								
	SBT	18.7	B	18.9	B	18.9	B	18.9	B
	SBR	38.3	D	40.2	D	40.5	D	40.5	D
Intersection		24.2	C	24.7	C	24.9	C	24.9	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.1	C	23.2	C	23.2	C	23.2	C
	EBT	21	C	21	C	21.1	C	21.1	C
	EBR	18	B	18	B	18	B	18	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.5	C	22.6	C	22.6	C	22.6	C
	NBR	26.6	C	27.1	C	27.2	C	27.2	C
	SBL	44.1	D	44.2	D	46.2	D	46.2	D
	SBT	6.7	A	6.7	A	6.1	A	6.1	A
Intersection		24.6	C	24.7	C	25	C	25	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					28.6	C	28.6	C
	EBT					0.1	A	0.1	A
	EBR	31.6	C	31.6	C				
	WBL					25.8	C	25.8	C
	WBT	13.8	B	13.7	B	4.8	A	4.8	A
	WBR					3.2	A	3.2	A
	NBL	7.8	A	7.9	A	10.6	B	10.6	B
	NBT								
	NBR	2.3	A	2.3	A	3.3	A	3.3	A
	SBL	5.7	A	5.9	A	12.3	B	12.3	B
	SBT					2.4	A	2.4	A
Intersection		7	A	7.1	A	11.2	B	11.2	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.1	D	45.4	D	45.8	D	45.8	D
	EBT	40	D	40.1	D	40.6	D	40.6	D
	EBR								
	WBL	51.6	D	52.5	D	53.1	D	53.1	D
	WBT								
	WBR								
	NBL								
	NBT	18.9	B	19.4	B	21.9	C	21.9	C
	NBR	3.4	A	3.4	A	5.4	A	5.4	A
	SBL								
	SBT	28.1	C	29.3	C	30.1	C	30.1	C
Intersection		30.2	C	31	C	31.6	C	31.6	C
Lakeland Avenue & Manton Street	EBL	21.7	C	21.7	C	21.8	C	21.8	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.7	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	7.7	A	7.9	A	8	A	8	A
	NBR								
	SBL								
	SBT	11.2	B	11.7	B	12	B	12	B
Intersection		11.2	B	11.5	B	11.7	B	11.7	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.5	A	2.6	A	2.6	A	2.6	A
	EBT	3.7	A	3.8	A	3.8	A	3.8	A
	EBR								
	WBL								
	WBT	7.2	A	7.4	A	7.5	A	7.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	53.4	D	53.4	D	53.7	D	53.7	D
	SBT								
	SBR	12.2	B	12	B	12	B	12	B
Intersection		6.8	A	6.9	A	7	A	7	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	9	A	9.2	A	9.4	A	9.4	A
	EBR								
	WBL								
	WBT	5.3	A	5.2	A	5.2	A	5.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	31	C	31.3	C	31.3	C	31.3	C
Intersection		8.9	A	8.9	A	9	A	9	A
Greene Avenue & Montauk Highway	EBL								
	EBT	9	A	8.9	A	8.7	A	8.7	A
	EBR								
	WBL								
	WBT	5.3	A	6.1	A	6.4	A	6.4	A
	WBR	2.2	A	2.5	A	2.6	A	2.6	A
	NBL	63.4	E	63.2	E	64.1	E	64.1	E
	NBT	34.5	C	34.1	C	34.3	C	34.3	C
	NBR								
	SBL								
	SBT	52.4	D	52.2	D	52.6	D	52.6	D
Intersection		16.4	B	16.6	B	16.7	B	16.7	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.9	B	13.7	B	13.7	B	13.7	B
	EBT	20.4	C	20.4	C	20.3	C	20.3	C
	EBR								
	WBL	15.6	B	15.8	B	15.7	B	15.7	B
	WBT	20	C	20.4	C	20.8	C	20.8	C
	WBR	5.3	A	5.5	A	5.6	A	5.6	A
	NBL								
	NBT	52.9	D	53	D	52.9	D	52.9	D
	NBR								
	SBL	73	E	82.6	F	84.7	F	84.7	F
	SBT	31.2	C	31.6	C	31.8	C	31.8	C
Intersection		30.3	C	31.8	C	32.1	C	32.1	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	26.3	C	26.7	C	26.7	C
	EBT	56.8	E	65.1	E	65.9	E	65.9	E
	EBR								
	WBL	2	A	2.2	A	2.3	A	2.3	A
	WBT	2.8	A	3	A	3	A	3	A
	WBR								
	NBL								
	NBT	20.5	C	20.4	C	20.4	C	20.4	C
	NBR								
	SBL								
	SBT	42.2	D	42.4	D	42.3	D	42.3	D
	SBR	4.8	A	5.2	A	5.3	A	5.3	A
Intersection		27.1	C	30.4	C	30.7	C	30.7	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.7	A	0.7	A	0.7	A	0.7	A
	EBT	3.9	A	4.2	A	4.3	A	4.3	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	38.2	D	45.1	D	48	D	48	D
	WBT	24.7	C	25.9	C	26.3	C	26.3	C
	WBR								
	NBL								
	NBT	58	E	58.1	E	58.2	E	58.2	E
	NBR	7.4	A	7.3	A	7.3	A	7.3	A
	SBL								
	SBT	24.6	C	24.9	C	25.3	C	25.3	C
Intersection		19.9	B	20.8	C	21.2	C	21.2	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	41	D	41.5	D	41.9	D	41.9	D
	EBR								
	WBL								
	WBT	26	C	25.9	C	25.9	C	25.9	C
	WBR								
	NBL	9.6	A	9.9	A	10	A	10	A
	NBT	15.6	B	16.3	B	16.4	B	16.4	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	9.6	A	9.9	A	10	B	10	B
Intersection		15.8	B	16.3	B	16.4	B	16.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.6	B	15.5	B	15.6	B	15.6	B
	EBR								
	WBL								
	WBT	16.1	B	16	B	16.1	B	16.1	B
	WBR								
	NBL								
	NBT	16.2	B	16.2	B	16.2	B	16.2	B
	NBR								
	SBL	4.3	A	4.3	A	4.3	A	4.3	A
	SBT	4.3	A	4.3	A	4.3	A	4.3	A
	SBR								
	NWL	4.4	A	4.4	A	4.4	A	4.4	A
Intersection		6.6	A	6.5	A	6.5	A	6.5	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.7	B	10.7	B	10.7	B
	EBR								
	WBL								
	WBT	10.3	B	10.3	B	10.3	B	10.3	B
	WBR								
	NBL								
	NBT	9.5	A	9.6	A	9.6	A	9.6	A
	NBR								
	SBL								
	SBT	10.4	B	10.4	B	10.5	B	10.5	B
Intersection		10.3	B	10.3	B	10.4	B	10.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	17.5	B	17.6	B	17.6	B
	WBT	18.9	B	19	B	19	B
	WBR	0.2	A	0.2	A	0.2	A
	NBL	15.9	B	15.9	B	16.1	B
	NBT	2.8	A	2.8	A	2.9	A
	NBR						
	SBL						
	SBT	18.8	B	18.9	B	18.9	B
	SBR	0.4	A	0.4	A	0.4	A
Intersection		13.3	B	13.3	B	13.3	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.3	C	20.3	C	20.3	C
	EBT	20.9	C	21	C	21	C
	EBR	0.6	A	0.6	A	0.6	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	15.8	B	15.8	B	15.8	B
	NBR	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.3	A	3.3	A
	SBT	2.7	A	2.8	A	2.8	A
Intersection		12.7	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	28.1	C	28.2	C	28.9	C
	WBT	27.8	C	27.9	C	27.8	C
	WBR	8	A	8.8	A	9.9	A
	NBL	52.8	D	53.3	D	55.9	E
	NBT	15.2	B	15.6	B	16.5	B
	NBR						
	SBL						
	SBT	30.4	C	31.1	C	32.2	C
	SBR	35.7	D	36.7	D	39	D
Intersection		27.1	C	27.5	C	28.6	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	27.6	C	28	C	28.8	C
	EBT	25.2	C	25.4	C	26	C
	EBR	4.7	A	5.3	A	8.1	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	28.8	C	29	C	28.9	C
	NBR	7.9	A	8.6	A	9.6	A
	SBL	42	D	42	D	42.4	D
	SBT	21.6	C	21.8	C	21.1	C
Intersection		23.2	C	23.5	C	23.8	C
Johnson Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	18.6	B	18.6	B	18.6	B
	WBT	21.7	C	21.8	C	21.8	C
	WBR	20.7	C	20.8	C	20.8	C
	NBL	29.8	C	29.8	C	29.9	C
	NBT	13.2	B	13.2	B	13.1	B
	NBR						
	SBL						
	SBT	18.5	B	18.6	B	18.6	B
	SBR	23.2	C	23.5	C	23.5	C
Intersection		20.4	C	20.5	C	20.5	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	24.2	C	24.3	C	24.3	C
	EBT	20.4	C	20.3	C	20.3	C
	EBR	17.7	B	17.7	B	17.6	B
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	19.2	B	19.4	B	19.4	B
	NBR	22.2	C	22.4	C	22.5	C
	SBL	41.2	D	41.3	D	41.3	D
	SBT	6.8	A	6.9	A	6.9	A
Intersection		22.9	C	23	C	23	C

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL						
	EBT					29.2	C
	EBR					0.4	A
	WBL	32.3	C	32.3	C		
	WBT					25.6	C
	WBR	13.4	B	13.4	B	9.4	A
	NBL					3.4	A
	NBT	9	A	9.2	A	11.3	B
	NBR						
	SBL	2.5	A	2.5	A	3.6	A
	SBT	5.1	A	5.2	A	10.4	B
	SBR					1.6	A
Intersection		7.7	A	7.8	A	11	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.1	D	43.3	D	43.3	D
	EBT	38.8	D	38.9	D	38.8	D
	EBR						
	WBL						
	WBT	46.5	D	46.8	D	46.9	D
	WBR						
	NBL						
	NBT	20.1	C	20.5	C	21.4	C
	NBR	5.3	A	5.5	A	5.9	A
	SBL						
	SBT	21.3	C	21.9	C	22.8	C
Intersection		25.3	C	25.7	C	26.3	C
Lakeland Avenue & Manton Street	EBL						
	EBT	18.9	B	18.9	B	18.9	B
	EBR						
	WBL						
	WBT	15.4	B	15.5	B	15.4	B
	WBR						
	NBL						
	NBT	8.5	A	8.7	A	9.1	A
	NBR						
	SBL						
	SBT	9.9	A	10.2	B	10.8	B
Intersection		10.1	B	10.3	B	10.7	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.8	A	1.8	A	1.8	A
	EBT	2.6	A	2.6	A	2.7	A
	EBR						
	WBL						
	WBT	5.8	A	5.9	A	6.4	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	52	D	52	D	52.1	D
	SBT						
	SBR	11.4	B	11.4	B	11.3	B
Intersection		5.6	A	5.6	A	5.9	A
Montauk Highway & Cherry Avenue	EBL						
	EBT	6.3	A	6.5	A	6.6	A
	EBR						
	WBL						
	WBT	4.9	A	5.1	A	5.1	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	23.4	C	23.5	C	23.3	C
Intersection		6.9	A	7.1	A	7.2	A
Greene Avenue & Montauk Highway	EBL						
	EBT	6.7	A	6.8	A	6.9	A
	EBR						
	WBL						
	WBT	5.4	A	5.3	A	5.4	A
	WBR	3.9	A	3.7	A	3.8	A
	NBL	63	E	64.7	E	65.6	E
	NBT	36.9	D	36.8	D	36.8	D
	NBR						
	SBL						
	SBT	52.1	D	52.2	D	52.2	D
Intersection		15.7	B	15.8	B	15.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	16.5	B	16.5	B	16.9	B
	EBT	20	B	20	C	20	C
	EBR						
	WBL	15.7	B	16.2	B	16.5	B
	WBT	19.6	B	20.6	C	21.2	C
	WBR	5.4	A	5.6	A	5.7	A
	NBL						
	NBT	53.8	D	53.5	D	53.6	D
	NBR						
	SBL	67.7	E	72	E	73.9	E
	SBT	30.3	C	30.4	C	30.8	C
Intersection		29.8	C	30.8	C	31.3	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	28.3	C	29.2	C	29.5	C
	EBT	30.4	C	31.1	C	31.2	C
	EBR						
	WBL	1.9	A	2	A	2.1	A
	WBT	3.3	A	3.4	A	3.5	A
	WBR						
	NBL						
	NBT	21	C	21.3	C	20.6	C
	NBR						
	SBL						
	SBT	40.9	D	41.2	D	41.1	D
	SBR	1.2	A	1.2	A	1.2	A
Intersection		15.2	B	15.6	B	15.6	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.3	A	1.5	A	1.4	A
	EBT	3	A	3.1	A	3.2	A
	EBR	0.2	A	0.2	A	0.2	A
	WBL	22	C	23.3	C	23.7	C
	WBT	21.8	C	22.3	C	22.3	C
	WBR						
	NBL						
	NBT	49.3	D	49.9	D	50.3	D
	NBR	7.4	A	7.3	A	7.3	A
	SBL						
	SBT	25	C	25.1	C	25.2	C
Intersection		17.5	B	17.9	B	18	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	50.5	D	50.7	D	51.1	D
	EBT						
	EBR						
	WBL	31	C	31	C	31	C
	WBT						
	WBR						
	NBL	11.6	B	11.9	B	12.1	B
	NBT	16.2	B	16.3	B	16	B
	NBR	6	A	6	A	6	A
	SBL						
	SBT	12.8	B	13.4	B	13.8	B
Intersection		17.6	B	18	B	18.1	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	15.7	B	15.6	B	15.7	B
	EBT						
	EBR						
	WBL	16.2	B	16.2	B	16.2	B
	WBT						
	WBR						
	NBL	20.4	C	20.3	C	20.4	C
	NBT						
	NBR						
	SBL	7.4	A	7.4	A	7.4	A
	SBT	7.7	A	7.7	A	7.7	A
	SBR	7.6	A	7.6	A	7.6	A
	NWL						
Intersection		9.8	A	9.8	A	9.8	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.5	B	10.6	B
	EBT						
	EBR						
	WBL	10.2	B	10.2	B	10.1	B
	WBT						
	WBR						
	NBL	9.4	A	9.4	A	9.4	A
	NBT						
	NBR						
	SBL	10.5	B	10.6	B	10.6	B
	SBT						
Intersection		10.2	B	10.3	B	10.3	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	24.2	C	25.3	D	31.8	D
Lakeland Avenue & Chester Road	EB	50.5	F	57.0	F	75.9	F
	NB	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.0	C	16.2	C
	WB	17.7	C	18.2	C	18.3	C
	NB	0.1	A	0.1	A	0.1	A
	SB	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	17.1	C	17.6	C	18.1	C
	NB	9.1	A	9.1	A	9.2	A
Railroad Avenue & Hiddink Street	WB	14.4	B	14.6	B	14.8	B
	NB	0.0		0.0		0.0	
	SB	2.2	A	2.2	A	2.3	A
Railroad Avenue & Center Street	EB	16.0	C	16.3	C	16.1	C
	NB	1.3	A	1.3	A	1.3	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.1	A	1.1	A	1.1	A
	WB	0.4	A	0.4	A	0.4	A
	NB	13.6	B	13.8	B	13.9	B
	SB	13.7	B	13.9	B	14.0	B
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.1	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0	
	NB	10.7	B	10.8	B	10.8	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A
	NB	10.5	B	10.5	B	10.5	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.0	A
	WB	8.0	A	8.0	A	8.0	A
	SB	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	9.5	A	9.5	A	9.6	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		AM Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.0	A	8.1	A	8.1	A
	WB	9.0	A	9.0	A	9.1	A
	NB	8.4	A	8.5	A	8.5	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.8	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0	
	EB	0.0		0.0		0.0	
	NB	9.3	A	9.3	A	9.4	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0	
	SB	3.1	A	3.1	A	3.1	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A
	NB	6.1	A	6.1	A	6.1	A
Lincoln Avenue & Hiddink Street	EB	8.7	A	8.7	A	8.8	A
	WB	8.6	A	8.7	A	8.7	A
	NB	9.0	A	9.0	A	9.1	A
	SB	9.1	A	9.2	A	9.2	A
Site Access & 11th Street	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.0	C	19.5	C	22.4	C	22.4	C
	NB	10.1	B	10.3	B	10.9	B	10.9	B
Lakeland Avenue & Chester Road	EB	93.2	F	110.7	F	177.9	F	177.9	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	17.5	C	17.7	C	18.1	C	18.1	C
	WB	23.0	C	23.9	C	24.3	C	24.3	C
	NB	1.1	A	1.2	A	1.1	A	1.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	22.7	C	23.7	C	25.0	C	25.0	C
	NB	3.0	A	3.1	A	3.1	A	3.1	A
Railroad Avenue & Hiddink Street	WB	19.2	C	19.7	C	19.9	C	19.9	C
	NB	0.0		0.0		0.0		0.0	
	SB	3.6	A	3.6	A	3.7	A	3.7	A
Railroad Avenue & Center Street	EB	21.7	C	22.7	C	21.1	C	21.1	C
	NB	1.4	A	1.4	A	1.4	A	1.4	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.8	A	1.9	A	1.9	A	1.9	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	53.6	F	58.9	F	61.3	F	61.3	F
	SB	18.0	C	18.5	C	18.7	C	18.7	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.4	B	10.5	B	10.5	B	10.5	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.4	B	11.4	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.0	B	10.1	B	10.1	B	10.1	B
Terry Road & Sterling Place	EB	8.4	A	8.4	A	8.5	A	8.5	A
	WB	8.1	A	8.1	A	8.1	A	8.1	A
	SB	7.2	A	7.3	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.6	A	9.6	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.9	A	9.0	A	9.0	A	9.0	A
	WB	10.5	B	10.6	B	10.7	B	10.7	B
	NB	10.0	A	10.1	B	10.2	B	10.2	B
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.0	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.9	A	9.9	A	9.9	A	9.9	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.8	A	0.8	A	0.8	A	0.8	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	3.0	A	3.0	A	3.0	A	3.0	A
Lincoln Avenue & Hiddink Street	EB	10.3	B	10.4	B	10.5	B	10.5	B
	WB	9.0	A	9.0	A	9.1	A	9.1	A
	NB	10.0	A	10.1	B	10.1	B	10.1	B
	SB	10.5	B	10.6	B	10.6	B	10.6	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	0.0	A	0.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	25.8	D	26.5	D	30.2	D	30.2	D
	NB	10.6	B	10.8	B	11.5	B	11.5	B
Lakeland Avenue & Chester Road	EB	73.2	F	84.0	F	140.2	F	140.2	F
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	16.7	C	17.1	C	17.2	C	17.2	C
	WB	20.7	C	21.3	C	21.5	C	21.5	C
	NB	0.1	A	0.1	A	0.1	A	0.1	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	20.4	C	21.2	C	22.3	C	22.3	C
	NB	2.5	A	2.6	A	2.6	A	2.6	A
Railroad Avenue & Hiddink Street	WB	22.7	C	24.1	C	24.3	C	24.3	C
	NB	0.0		0.0		0.0		0.0	
	SB	3.5	A	3.5	A	3.6	A	3.6	A
Railroad Avenue & Center Street	EB	23.4	C	24.5	C	22.9	C	22.9	C
	NB	1.9	A	2.0	A	2.0	A	2.0	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.4	A	2.5	A	2.5	A	2.5	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	31.7	D	33.9	D	34.6	D	34.6	D
	SB	18.2	C	18.8	C	17.6	C	17.6	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.6	A	9.6	A
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	11.1	B	11.1	B	11.1	B	11.1	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.2	A	0.2	A	0.2	A	0.2	A
	NB	10.8	B	10.9	B	10.9	B	10.9	B
Terry Road & Sterling Place	EB	8.2	A	8.3	A	8.3	A	8.3	A
	WB	7.9	A	7.9	A	8.0	A	8.0	A
	SB	7.1	A	7.1	A	7.1	A	7.1	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.7	A	9.7	A	9.7	A

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.4	A	8.4	A	8.5	A	8.5	A
	WB	10.2	B	10.3	B	10.4	B	10.4	B
	NB	9.0	A	9.1	A	9.2	A	9.2	A
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.1	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.5	B	10.6	B	10.6	B	10.6	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.8	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.3	A	3.3	A	3.3	A	3.3	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	4.6	A	4.6	A	4.6	A	4.6	A
Lincoln Avenue & Hiddink Street	EB	10.2	B	10.3	B	10.3	B	10.3	B
	WB	9.2	A	9.3	A	9.3	A	9.3	A
	NB	10.5	B	10.7	B	10.7	B	10.7	B
	SB	10.8	B	10.9	B	11.0	B	11.0	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	0.0	A	0.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.2	C	19.5	C	22.6	C
	NB	9.4	A	9.5	A	9.8	A
Lakeland Avenue & Chester Road	EB	65.7	F	74.9	F	109.6	F
	NB	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	20.1	C	20.8	C	21.4	C
	WB	31.1	D	33.0	D	34.6	D
	NB	0.4	A	0.4	A	0.4	A
	SB	0.6	A	0.7	A	0.7	A
Railroad Avenue & Depot Street	EB	37.9	E	41.2	E	48.2	E
	NB	3.2	A	3.3	A	3.4	A
Railroad Avenue & Hiddink Street	WB	32.5	D	35.4	E	39.2	E
	NB	0.0		0.0		0.0	
	SB	2.7	A	2.8	A	3.0	A
Railroad Avenue & Center Street	EB	25.9	D	27.1	D	27.7	D
	NB	1.9	A	1.9	A	1.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.2	A	1.2	A	1.3	A
	WB	0.5	A	0.6	A	0.5	A
	NB	42.9	E	46.7	E	48.3	E
	SB	17.8	C	18.3	C	18.5	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	9.9	A	9.9	A	9.9	A
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0	
	NB	10.7	B	10.7	B	10.8	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0	
	WB	0.1	A	0.1	A	0.1	A
	NB	9.9	A	10.0	A	10.0	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	7.9	A
	WB	7.8	A	7.8	A	7.9	A
	SB	7.1	A	7.1	A	7.1	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Saturday Summer Peak					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.2	A	8.3	A
	WB	9.0	A	9.0	A	9.1	A
	NB	8.6	A	8.6	A	8.7	A
Tariff Street/Terry Road & Chester Road	EB	1.3	A	1.3	A	1.3	A
	WB	0.0		0.0		0.0	
	SB	9.8	A	9.8	A	9.8	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0	
	EB	0.0		0.0		0.0	
	NB	9.6	A	9.7	A	9.7	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0	
	SB	1.9	A	2.0	A	1.9	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0	
	SB	1.2	A	1.2	A	1.2	A
Carrie Avenue & Sterling Place	EB	8.6	A	8.6	A	8.6	A
Lincoln Avenue & Hiddink Street	EB	10.1	B	10.2	B	10.3	B
	WB	9.7	A	9.8	A	9.9	A
	NB	10.4	B	10.5	B	10.6	B
	SB	11.2	B	11.4	B	11.5	B
Site Access & 11th Street	EB	0.0		7.0	A	0.0	
	WB	0.0		7.1	A	0.0	
	NB	0.0	A	7.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	0.0	A	0.0	A	0.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	17.1	B	17.1	B	17.1	B
	WBT	18.6	B	18.6	B	18.6	B
	WBR	0.2	A	0.2	A	0.2	A
	NBL	17.5	B	17.8	B	17.8	B
	NBT	6.9	A	7.1	A	7.1	A
	NBR						
	SBL						
	SBT	18.8	B	18.9	B	18.9	B
	SBR	0.2	A	0.2	A	0.2	A
Intersection		14.4	B	14.4	B	14.5	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.4	C	20.5	C	20.5	C
	EBT	21.2	C	21.2	C	21.2	C
	EBR	0.4	A	0.4	A	0.4	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	14.8	B	14.9	B	14.9	B
	NBR	0.1	A	0.1	A	0.1	A
	SBL	8	A	8	A	8.1	A
	SBT	7.7	A	7.8	A	7.8	A
Intersection		13.5	B	13.6	B	13.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	23.8	C	23.7	C	24	C
	WBT	25.3	C	25.2	C	25.3	C
	WBR	28.6	C	29.1	C	29.5	C
	NBL	53.5	D	53.7	D	56.3	E
	NBT	13.8	B	14.3	B	15.7	B
	NBR						
	SBL						
	SBT	30.5	C	31.2	C	32.1	C
	SBR	34.5	C	35.5	D	36.7	D
Intersection		26	C	26.4	C	27.5	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	34	C	34.9	C	38.8	D
	EBT	28.1	C	28.7	C	31.3	C
	EBR	6.1	A	6.3	A	6.7	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	33.4	C	33.7	C	33.6	C
	NBR	15.6	B	15.8	B	16.1	B
	SBL	42.9	D	42.7	D	42.6	D
	SBT	13.5	B	13.3	B	12.9	B
Intersection		26.2	C	26.6	C	27.8	C
Johnson Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	23.2	C	23.3	C	23.3	C
	WBT	25	C	25.1	C	25.1	C
	WBR	37.1	D	37.8	D	38	D
	NBL	35.9	D	35.3	D	35.3	D
	NBT	19.8	B	19.5	B	19.5	B
	NBR						
	SBL						
	SBT	17.1	B	18.1	B	18.1	B
	SBR	19.4	B	20.8	C	20.8	C
Intersection		25.3	C	25.6	C	25.6	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	31.9	C	32.3	C	32.3	C
	EBT	19.7	B	19.8	B	19.8	B
	EBR	19.9	B	20	B	19.9	B
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	20.5	C	20.6	C	20.6	C
	NBR	23.3	C	23.6	C	23.6	C
	SBL	42.5	D	42.4	D	42.4	D
	SBT	12.6	B	12.8	B	12.8	B
Intersection		25	C	25.1	C	25.1	C

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Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL						
	EBT					30	C
	EBR					0.2	A
	WBL	30.7	C	30.8	C		
	WBT					23.6	C
	WBR	13.9	B	14	B	5.7	A
	NBL					3.5	A
	NBT	8.8	A	10	A	14.2	B
	NBR						
	SBL	2.3	A	2.4	A	4.1	A
	SBT	4.4	A	5.3	A	11.7	B
	SBR					0.1	A
Intersection		7.1	A	8	A	13.1	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.6	D	46.8	D	46.9	D
	EBT	38.9	D	38.9	D	38.7	D
	EBR						
	WBL						
	WBT	59.7	E	61.9	E	62.5	E
	WBR						
	NBL						
	NBT	20.2	C	20.6	C	20.8	C
	NBR	3.5	A	3.5	A	3.5	A
	SBL						
	SBT	22.3	C	23	C	23.5	C
Intersection		31.8	C	32.6	C	32.8	C
Lakeland Avenue & Manton Street	EBL						
	EBT	21.7	C	21.7	C	21.7	C
	EBR						
	WBL						
	WBT	14.5	B	14.4	B	14.4	B
	WBR						
	NBL						
	NBT	5.9	A	6	A	6	A
	NBR						
	SBL						
	SBT	6.8	A	7	A	7.1	A
Intersection		8.1	A	8.2	A	8.2	A

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Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.3	A	1.3	A	1.3	A
	EBT	1.2	A	1.3	A	1.3	A
	EBR						
	WBL						
	WBT	5.5	A	5.7	A	5.7	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	33.1	C	33.1	C	33.1	C
	SBT						
	SBR	12.9	B	12.9	B	12.9	B
Intersection		4.8	A	4.8	A	4.9	A
Montauk Highway & Cherry Avenue	EBL						
	EBT	4	A	4.1	A	4.2	A
	EBR						
	WBL						
	WBT	4.5	A	4.6	A	4.7	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	23	C	23.1	C	23	C
Intersection		6	A	6.1	A	6.1	A
Greene Avenue & Montauk Highway	EBL						
	EBT	5.4	A	5.8	A	5.7	A
	EBR						
	WBL						
	WBT	6.7	A	6.8	A	6.8	A
	WBR	5.2	A	5	A	5	A
	NBL	36	D	36.3	D	36.3	D
	NBT	28.9	C	28.9	C	29	C
	NBR						
	SBL						
	SBT	38.8	D	39	D	39	D
Intersection		12.1	B	12.1	B	12.1	B

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Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	10.2	B	10.7	B	10.7	B
	EBT	10.3	B	10.8	B	10.9	B
	EBR						
	WBL	11.1	B	10.9	B	11	B
	WBT	12.6	B	12.9	B	13	B
	WBR	2.9	A	3.1	A	3.1	A
	NBL						
	NBT	41.9	D	41.9	D	42	D
	NBR						
	SBL	32.2	C	33.1	C	33.3	C
	SBT	26.9	C	27.4	C	27.6	C
Intersection		17.5	B	17.8	B	18	B
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	21.5	C	21	C	20.9	C
	EBT	25.4	C	25.1	C	25	C
	EBR						
	WBL	0.9	A	1.1	A	1.1	A
	WBT	2.2	A	2.5	A	2.5	A
	WBR						
	NBL						
	NBT	19.3	B	18.6	B	19.3	B
	NBR						
	SBL						
	SBT	28.9	C	28.9	C	28.9	C
	SBR	0.5	A	0.5	A	0.5	A
Intersection		10.9	B	11	B	11	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.3	A	0.3	A	0.3	A
	EBT	1.6	A	1.6	A	1.6	A
	EBR	0.1	A	0.1	A	0.1	A
	WBL	12.9	B	11.9	B	11.9	B
	WBT	22.6	C	21.9	C	21.9	C
	WBR						
	NBL						
	NBT	47.3	D	48.6	D	48.4	D
	NBR	2.7	A	2.9	A	2.9	A
	SBL						
	SBT	19.5	B	19.9	B	19.7	B
Intersection		17.4	B	17.3	B	17.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL						
	EBT	44.2	D	44.1	D	44.2	D
	EBR						
	WBL						
	WBT	16.6	B	16.3	B	16.3	B
	WBR						
	NBL	5.1	A	5.4	A	5.4	A
	NBT	6	A	6.5	A	6.5	A
	NBR						
	SBL	6	A	6	A	6	A
	SBT	11.9	B	12.6	B	12.7	B
Intersection		14	B	14.4	B	14.5	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL						
	EBT	16	B	15.9	B	16	B
	EBR						
	WBL						
	WBT	16.2	B	16.2	B	16.2	B
	WBR						
	NBL						
	NBT	20.1	C	19.9	B	20	B
	NBR						
	SBL	7.6	A	7.7	A	7.7	A
	SBT	7.9	A	7.9	A	7.9	A
	SBR						
	NWL	7.6	A	7.6	A	7.6	A
Intersection		10.6	B	10.7	B	10.6	B
Cherry Avenue & Brook Street	EBL						
	EBT	9.6	A	9.6	A	9.6	A
	EBR						
	WBL						
	WBT	9.1	A	9.1	A	9.1	A
	WBR						
	NBL						
	NBT	8.5	A	8.5	A	8.5	A
	NBR						
	SBL						
	SBT	9.2	A	9.3	A	9.3	A
Intersection		9.2	A	9.2	A	9.3	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.5	B	17.6	B	17.6	B
	WBT	39.8	D	42.9	D	43.8	D	43.8	D
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	16.1	B	16.2	B	16.1	B	16.1	B
	NBT	3.2	A	3.3	A	3.3	A	3.3	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		28.8	C	30.8	C	31.4	C	31.4	C
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.4	B	19.5	B	19.5	B	19.5	B
	EBT	21.9	C	22	C	22	C	22	C
	EBR	0.6	A	0.6	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	16.3	B	16.3	B	16.3	B	16.3	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.2	A	3.2	A	3.2	A
	SBT	2.3	A	2.4	A	2.4	A	2.4	A
Intersection		13.6	B	13.7	B	13.7	B	13.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.3	C	29.1	C	29.1	C
	WBT	47.1	D	50.5	D	42.4	D	42.4	D
	WBR	5.2	A	5.9	A	6.9	A	6.9	A
	NBL	49.6	D	49.6	D	51.2	D	59.3	E
	NBT	15	B	15	B	14.5	B	14.5	B
	NBR								
	SBL								
	SBT	67.8	E	74.3	E	86.4	F	72.5	E
	SBR	90.3	F	97.1	F	112.2	F	98.2	F
Intersection		48.7	D	52.2	D	55.2	E	50.4	D

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis with Other Planned Developments
Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.9	C	25.9	C	27.3	C	27.3	C
	EBT	23.4	C	23.3	C	24.3	C	24.3	C
	EBR	7.3	A	8	A	11.7	B	11.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	34.5	C	35.2	D	34.6	C	34.6	C
	NBR	17.6	B	18.2	B	17.9	B	17.9	B
	SBL	44.5	D	45	D	46.1	D	47.1	D
	SBT	31.8	C	32	C	30.3	C	29.1	C
Intersection		28.4	C	28.7	C	28.9	C	28.8	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	19.1	B	19.3	B	19.3	B	19.3	B
	WBT	21.9	C	22.1	C	22.1	C	22.1	C
	WBR	20.1	C	20.2	C	20.2	C	20.2	C
	NBL	25.9	C	25.9	C	26.1	C	26.1	C
	NBT	13.8	B	13.7	B	13.7	B	13.7	B
	NBR								
	SBL								
	SBT	18.3	B	18.4	B	18.5	B	18.5	B
	SBR	68.8	E	74.8	E	76	E	76	E
Intersection		33.4	C	35.1	D	35.5	D	35.5	D
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.2	C	23.3	C	23.3	C	23.3	C
	EBT	20.5	C	20.6	C	20.6	C	20.6	C
	EBR	18.2	B	18.2	B	18.2	B	18.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	23.1	C	23.3	C	23.3	C	23.3	C
	NBR	28.2	C	29.4	C	29.4	C	29.4	C
	SBL	47.4	D	47.4	D	47.4	D	47.4	D
	SBT	6.2	A	6.3	A	6.3	A	6.3	A
Intersection		25.3	C	25.3	C	25.4	C	25.4	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis with Other Planned Developments
Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					30	C	30	C
	EBT					0.1	A	0.1	A
	EBR								
	WBL	33.4	C	33.4	C				
	WBT					27.8	C	27.8	C
	WBR	14	B	14	B	6.8	A	6.8	A
	NBL					3.3	A	3.3	A
	NBT	9.8	A	10	B	12.1	B	12.1	B
	NBR								
	SBL	2.7	A	2.7	A	3.7	A	3.7	A
	SBT	6.4	A	6.6	A	13	B	13	B
	SBR					2.4	A	2.4	A
Intersection		8.4	A	8.5	A	12.3	B	12.3	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.2	D	43.6	D	43.5	D	43.5	D
	EBT	41.8	D	42.1	D	41.9	D	41.9	D
	EBR								
	WBL								
	WBT	47.1	D	47.9	D	47.9	D	47.9	D
	WBR								
	NBL								
	NBT	18.4	B	19	B	19.4	B	19.4	B
	NBR	4.3	A	4.5	A	4.7	A	4.7	A
	SBL								
	SBT	21.7	C	22.5	C	23	C	23	C
Intersection		26	C	26.6	C	26.8	C	26.8	C
Lakeland Avenue & Manton Street	EBL								
	EBT	20.9	C	20.9	C	20.9	C	20.9	C
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	8.4	A	8.6	A	8.7	A	8.7	A
	NBR								
	SBL								
	SBT	9.2	A	9.5	A	9.7	A	9.7	A
Intersection		10.2	B	10.5	B	10.6	B	10.6	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis with Other Planned Developments
Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.9	A	2.9	A	2.9	A
	EBT	3.5	A	3.7	A	3.7	A	3.7	A
	EBR								
	WBL								
	WBT	7.5	A	7.9	A	8	A	8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52	D	52	D	52	D
	SBT								
	SBR	12.6	B	12.5	B	12.4	B	12.4	B
Intersection		6.3	A	6.5	A	6.6	A	6.6	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.3	B	11.1	B	11.4	B	11.4	B
	EBR								
	WBL								
	WBT	5.1	A	5.6	A	5.6	A	5.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	38.7	D	38.6	D	39.1	D	39.1	D
Intersection		10.6	B	11.1	B	11.3	B	11.3	B
Greene Avenue & Montauk Highway	EBL								
	EBT	8.4	A	9	A	9	A	9	A
	EBR								
	WBL								
	WBT	5.9	A	6.1	A	6.1	A	6.1	A
	WBR	2.4	A	2.1	A	2.1	A	2.1	A
	NBL	51.9	D	52.8	D	52.4	D	52.4	D
	NBT	36.2	D	36.2	D	36.3	D	36.3	D
	NBR								
	SBL								
	SBT	50.2	D	50.5	D	50.5	D	50.5	D
Intersection		13.8	B	14.1	B	14.1	B	14.1	B

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Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	11.3	B	11.2	B	11.3	B	11.3	B
	EBT	16.7	B	17	B	16.9	B	16.9	B
	EBR								
	WBL	12.4	B	13.1	B	13.2	B	13.2	B
	WBT	16.9	B	17.8	B	18	B	18	B
	WBR	4.8	A	5	A	5.1	A	5.1	A
	NBL								
	NBT	50.5	D	50.9	D	50.9	D	50.9	D
	NBR								
	SBL	63.2	E	75.7	E	77.1	E	77.1	E
	SBT	31.7	C	33.2	C	33.3	C	33.3	C
Intersection		25.8	C	27.8	C	28.1	C	28.1	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	26.2	C	26.4	C	26.4	C
	EBT	53.6	D	60.6	E	61.1	E	61.1	E
	EBR								
	WBL	1.8	A	1.8	A	1.8	A	1.8	A
	WBT	2.5	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	25.1	C	25.2	C	25	C	25	C
	NBR								
	SBL								
	SBT	42.1	D	42.2	D	42.2	D	42.2	D
	SBR	3.1	A	3.3	A	3.3	A	3.3	A
Intersection		25.6	C	28.4	C	28.5	C	28.5	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.6	A	0.6	A	0.6	A	0.6	A
	EBT	3.2	A	3.4	A	3.4	A	3.4	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	22.8	C	27.5	C	27.8	C	27.8	C
	WBT	20.3	C	21.8	C	21.8	C	21.8	C
	WBR								
	NBL								
	NBT	54	D	56.5	E	57	E	57	E
	NBR	6.7	A	6.7	A	6.7	A	6.7	A
	SBL								
	SBT	26.6	C	26.8	C	27	C	27	C
Intersection		17.7	B	18.7	B	18.8	B	18.8	B

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Phase 2 Analysis with Other Planned Developments
Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	52.6	D	52.6	D	52.6	D
	EBR								
	WBL								
	WBT	2.8	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL	11.3	B	11.8	B	11.9	B	11.9	B
	NBT	17.1	B	18	B	18	B	18	B
	NBR								
	SBL	6.7	A	6.8	A	6.9	A	6.9	A
	SBT	11.2	B	11.7	B	11.8	B	11.8	B
Intersection		18.4	B	18.9	B	19	B	19	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.5	B	16.5	B	16.5	B	16.5	B
	EBR								
	WBL								
	WBT	16.9	B	16.9	B	16.9	B	16.9	B
	WBR								
	NBL								
	NBT	16.9	B	16.9	B	16.9	B	16.9	B
	NBR								
	SBL	4.2	A	4.2	A	4.2	A	4.2	A
	SBT	4.2	A	4.2	A	4.3	A	4.3	A
	SBR								
	NWL	4.2	A	4.2	A	4.2	A	4.2	A
Intersection		6.1	A	6	A	6	A	6	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.7	B	10.8	B	10.8	B
	EBR								
	WBL								
	WBT	10.1	B	10.1	B	10.1	B	10.1	B
	WBR								
	NBL								
	NBT	9.1	A	9.1	A	9.2	A	9.2	A
	NBR								
	SBL								
	SBT	11.1	B	11.1	B	11.2	B	11.2	B
Intersection		10.5	B	10.5	B	10.6	B	10.6	B

NELSON & POPE
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Phase 2 Analysis with Other Planned Developments
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.4	B	18.4	B	18.5	B	18.5	B
	WBT	51.8	D	56.8	E	58.1	E	58.1	E
	WBR	0.4	A	0.4	A	0.4	A	0.4	A
	NBL	17.8	B	17.8	B	17.9	B	17.9	B
	NBT	5	A	5	A	5	A	5	A
	NBR								
	SBL								
	SBT	20.2	C	20.2	C	20.2	C	20.2	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		35.7	D	38.8	D	39.6	D	39.6	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.2	C	20.2	C	20.3	C	20.3	C
	EBT	21.5	C	21.6	C	21.6	C	21.6	C
	EBR	0.6	A	0.6	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.4	B	17.5	B	17.5	B	17.5	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.1	A	3.1	A	3.2	A	3.2	A
	SBT	3	A	3	A	3	A	3	A
Intersection		12.9	B	12.9	B	12.9	B	12.9	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	30.6	C	31	C	32.2	C	32.2	C
	WBT	134	F	144	F	146.1	F	146.1	F
	WBR	14.3	B	15.3	B	16.6	B	16.6	B
	NBL	46.9	D	46.7	D	47.6	D	51.9	D
	NBT	15.4	B	15.4	B	14.9	B	14.9	B
	NBR								
	SBL								
	SBT	65.8	E	73	E	88	F	75.8	E
	SBR	84.7	F	92.4	F	106.6	F	94.4	F
Intersection		74.1	E	79.7	E	84.8	F	80.9	F

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Phase 2 Analysis with Other Planned Developments
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25	C	24.9	C	26.3	C	26.3	C
	EBT	23.2	C	23	C	24.2	C	24.2	C
	EBR	6	A	6.6	A	10.2	B	10.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	32.3	C	32.9	C	32.6	C	32.6	C
	NBR	18	B	18.5	B	18.4	B	18.4	B
	SBL	44.5	D	45.1	D	44	D	45.1	D
	SBT	31.3	C	31.6	C	29.9	C	28.9	C
Intersection		27	C	27.3	C	27.4	C	27.3	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.5	C	20.7	C	19.4	B	19.4	B
	WBT	23.6	C	23.9	C	23.9	C	23.9	C
	WBR	19.9	B	20	C	22	C	22	C
	NBL	27.9	C	27.8	C	27.9	C	27.9	C
	NBT	13.6	B	13.5	B	13.6	B	13.6	B
	NBR								
	SBL								
	SBT	18.7	B	18.9	B	18.9	B	18.9	B
	SBR	38.3	D	40.2	D	40.5	D	40.5	D
Intersection		24.2	C	24.7	C	24.9	C	24.9	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.1	C	23.2	C	23.2	C	23.2	C
	EBT	21	C	21	C	21.1	C	21.1	C
	EBR	18	B	18	B	18	B	18	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.5	C	22.6	C	22.6	C	22.6	C
	NBR	26.6	C	27.7	C	27.8	C	27.8	C
	SBL	44.1	D	44	D	46	D	46	D
	SBT	6.7	A	6.8	A	6.1	A	6.1	A
Intersection		24.6	C	24.6	C	25	C	25	C

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Phase 2 Analysis with Other Planned Developments
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					28.6	C	28.6	C
	EBT					0.1	A	0.1	A
	EBR	31.6	C	31.6	C				
	WBL					25.8	C	25.8	C
	WBT	13.8	B	13.7	B	4.8	A	4.8	A
	WBR					3.2	A	3.2	A
	NBL	7.8	A	7.9	A	10.6	B	10.6	B
	NBT								
	NBR	2.3	A	2.3	A	3.3	A	3.3	A
	SBL	5.7	A	5.9	A	12.3	B	12.3	B
	SBT					2.4	A	2.4	A
Intersection		7	A	7.1	A	11.2	B	11.2	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.1	D	45.5	D	45.9	D	45.9	D
	EBT	40	D	40.2	D	40.7	D	40.7	D
	EBR								
	WBL	51.6	D	53	D	53.4	D	53.4	D
	WBT								
	WBR								
	NBL								
	NBT	18.9	B	19.5	B	19.8	B	19.8	B
	NBR	3.4	A	3.3	A	3.5	A	3.5	A
	SBL								
	SBT	28.1	C	29.6	C	30.2	C	30.2	C
Intersection		30.2	C	31.2	C	31.6	C	31.6	C
Lakeland Avenue & Manton Street	EBL	21.7	C	21.7	C	21.8	C	21.8	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.7	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	7.7	A	8	A	8.1	A	8.1	A
	NBR								
	SBL								
	SBT	11.2	B	11.9	B	12.1	B	12.1	B
Intersection		11.2	B	11.6	B	11.8	B	11.8	B

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Phase 2 Analysis with Other Planned Developments
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.5	A	2.6	A	2.7	A	2.7	A
	EBT	3.7	A	3.9	A	3.9	A	3.9	A
	EBR								
	WBL								
	WBT	7.2	A	7.5	A	7.6	A	7.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	53.4	D	53.4	D	53.7	D	53.7	D
	SBT								
	SBR	12.2	B	12	B	12	B	12	B
Intersection		6.8	A	7	A	7.1	A	7.1	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	9	A	9.5	A	9.7	A	9.7	A
	EBR								
	WBL								
	WBT	5.3	A	5.2	A	5.2	A	5.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	31	C	31.3	C	31.3	C	31.3	C
Intersection		8.9	A	9.1	A	9.1	A	9.1	A
Greene Avenue & Montauk Highway	EBL								
	EBT	9	A	8.9	A	8.9	A	8.9	A
	EBR								
	WBL								
	WBT	5.3	A	6.4	A	6.4	A	6.4	A
	WBR	2.2	A	2.5	A	2.5	A	2.5	A
	NBL	63.4	E	64.1	E	64.1	E	64.1	E
	NBT	34.5	C	34.3	C	34.3	C	34.3	C
	NBR								
	SBL								
	SBT	52.4	D	52.6	D	52.6	D	52.6	D
Intersection		16.4	B	16.6	B	16.6	B	16.6	B

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Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.9	B	13.7	B	13.7	B	13.7	B
	EBT	20.4	C	20.4	C	20.4	C	20.4	C
	EBR								
	WBL	15.6	B	15.7	B	15.7	B	15.7	B
	WBT	20	C	20.6	C	20.9	C	20.9	C
	WBR	5.3	A	5.6	A	5.6	A	5.6	A
	NBL								
	NBT	52.9	D	52.9	D	52.9	D	52.9	D
	NBR								
	SBL	73	E	88.6	F	89.4	F	89.4	F
	SBT	31.2	C	32.4	C	32.6	C	32.6	C
Intersection		30.3	C	32.6	C	32.8	C	32.8	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	26.9	C	27.2	C	27.2	C
	EBT	56.8	E	70.1	E	70	E	70	E
	EBR								
	WBL	2	A	2.4	A	2.3	A	2.3	A
	WBT	2.8	A	3.1	A	3.1	A	3.1	A
	WBR								
	NBL								
	NBT	20.5	C	20.3	C	20.3	C	20.3	C
	NBR								
	SBL								
	SBT	42.2	D	42.2	D	42.1	D	42.1	D
	SBR	4.8	A	5.2	A	5.3	A	5.3	A
Intersection		27.1	C	32.4	C	32.4	C	32.4	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.7	A	0.7	A	0.7	A	0.7	A
	EBT	3.9	A	4.4	A	4.4	A	4.4	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	38.2	D	48.7	D	51.3	D	51.3	D
	WBT	24.7	C	26.5	C	26.7	C	26.7	C
	WBR								
	NBL								
	NBT	58	E	58.5	E	58.5	E	58.5	E
	NBR	7.4	A	7.4	A	7.3	A	7.3	A
	SBL								
	SBT	24.6	C	25	C	25.3	C	25.3	C
Intersection		19.9	B	21.3	C	21.6	C	21.6	C

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		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	41	D	41.5	D	41.9	D	41.9	D
	EBR								
	WBL								
	WBT	26	C	25.9	C	25.9	C	25.9	C
	WBR								
	NBL	9.6	A	10	B	10.2	B	10.2	B
	NBT	15.6	B	16.7	B	16.8	B	16.8	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	9.6	A	10	B	10.1	B	10.1	B
Intersection		15.8	B	16.5	B	16.6	B	16.6	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.6	B	15.5	B	15.6	B	15.6	B
	EBR								
	WBL								
	WBT	16.1	B	16	B	16	B	16.1	B
	WBR								
	NBL								
	NBT	16.2	B	16.2	B	16.2	B	16.2	B
	NBR								
	SBL	4.3	A	4.3	A	4.3	A	4.3	A
	SBT	4.3	A	4.3	A	4.3	A	4.3	A
	SBR								
	NWL	4.4	A	4.4	A	4.4	A	4.4	A
Intersection		6.6	A	6.5	A	6.5	A	6.5	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.7	B	10.7	B	10.7	B
	EBR								
	WBL								
	WBT	10.3	B	10.3	B	10.3	B	10.3	B
	WBR								
	NBL								
	NBT	9.5	A	9.6	A	9.6	A	9.6	A
	NBR								
	SBL								
	SBT	10.4	B	10.4	B	10.5	B	10.5	B
Intersection		10.3	B	10.3	B	10.4	B	10.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	17.5	B	17.6	B	17.6	B
	WBT	18.9	B	19	B	19	B
	WBR	0.2	A	0.2	A	0.2	A
	NBL	15.9	B	15.9	B	16.1	B
	NBT	2.8	A	2.8	A	2.9	A
	NBR						
	SBL						
	SBT	18.8	B	18.9	B	18.9	B
	SBR	0.4	A	0.4	A	0.4	A
Intersection		13.3	B	13.3	B	13.3	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.3	C	20.3	C	20.3	C
	EBT	20.9	C	21	C	21	C
	EBR	0.6	A	0.6	A	0.6	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	15.8	B	15.8	B	15.8	B
	NBR	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.3	A	3.3	A
	SBT	2.7	A	2.8	A	2.8	A
Intersection		12.7	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	28.1	C	28.2	C	28.9	C
	WBT	27.8	C	27.9	C	27.8	C
	WBR	8	A	8.8	A	9.9	A
	NBL	52.8	D	53.3	D	55.9	E
	NBT	15.2	B	15.6	B	16.5	B
	NBR						
	SBL						
	SBT	30.4	C	31.1	C	32.2	C
	SBR	35.7	D	36.7	D	39	D
Intersection		27.1	C	27.5	C	28.6	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	27.6	C	28	C	28.8	C
	EBT	25.2	C	25.4	C	26	C
	EBR	4.7	A	5.3	A	8.1	A
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	28.8	C	29	C	28.9	C
	NBR	7.9	A	8.6	A	9.6	A
	SBL	42	D	42	D	42.4	D
	SBT	21.6	C	21.8	C	21.1	C
Intersection		23.2	C	23.5	C	23.8	C
Johnson Avenue & NYS Route 27 North Service Road	EBL						
	EBT						
	EBR						
	WBL	18.6	B	18.8	B	18.8	B
	WBT	21.7	C	21.8	C	21.8	C
	WBR	20.7	C	20.8	C	20.8	C
	NBL	29.8	C	29.8	C	29.9	C
	NBT	13.2	B	13.2	B	13.1	B
	NBR						
	SBL						
	SBT	18.5	B	18.6	B	18.6	B
	SBR	23.2	C	23.5	C	23.5	C
Intersection		20.4	C	20.5	C	20.5	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	24.2	C	24.3	C	24.3	C
	EBT	20.4	C	20.3	C	20.3	C
	EBR	17.7	B	17.7	B	17.6	B
	WBL						
	WBT						
	WBR						
	NBL						
	NBT	19.2	B	19.4	B	19.4	B
	NBR	22.2	C	22.6	C	22.7	C
	SBL	41.2	D	40.9	D	40.9	D
	SBT	6.8	A	7	A	7	A
Intersection		22.9	C	22.8	C	22.9	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					29.2	C
	EBT					0.4	A
	EBR						
	WBL	32.3	C	32.3	C		
	WBT					25.6	C
	WBR	13.4	B	13.4	B	9.4	A
	NBL					3.4	A
	NBT	9	A	9.2	A	11.3	B
	NBR						
	SBL	2.5	A	2.5	A	3.6	A
	SBT	5.1	A	5.2	A	10.4	B
	SBR					1.6	A
Intersection		7.7	A	7.8	A	11	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.1	D	43.3	D	43.5	D
	EBT	38.8	D	38.9	D	38.9	D
	EBR						
	WBL						
	WBT	46.5	D	46.8	D	47.4	D
	WBR						
	NBL						
	NBT	20.1	C	20.6	C	21.6	C
	NBR	5.3	A	5.5	A	5.9	A
	SBL						
	SBT	21.3	C	22	C	23	C
Intersection		25.3	C	25.7	C	26.5	C
Lakeland Avenue & Manton Street	EBL						
	EBT	18.9	B	18.9	B	18.9	B
	EBR						
	WBL						
	WBT	15.4	B	15.5	B	15.4	B
	WBR						
	NBL						
	NBT	8.5	A	8.9	A	9.2	A
	NBR						
	SBL						
	SBT	9.9	A	10.5	B	11	B
Intersection		10.1	B	10.5	B	10.9	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.8	A	1.8	A	1.8	A
	EBT	2.6	A	2.7	A	2.7	A
	EBR						
	WBL						
	WBT	5.8	A	6	A	6.5	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	52	D	52	D	52.1	D
	SBT						
	SBR	11.4	B	11.4	B	11.3	B
Intersection		5.6	A	5.7	A	5.9	A
Montauk Highway & Cherry Avenue	EBL						
	EBT	6.3	A	6.6	A	6.7	A
	EBR						
	WBL						
	WBT	4.9	A	5.2	A	5.3	A
	WBR						
	NBL						
	NBT						
	NBR						
	SBL	23.4	C	23.5	C	23.3	C
Intersection		6.9	A	7.2	A	7.3	A
Greene Avenue & Montauk Highway	EBL						
	EBT	6.7	A	6.9	A	7.1	A
	EBR						
	WBL						
	WBT	5.4	A	5.3	A	5.5	A
	WBR	3.9	A	3.6	A	3.7	A
	NBL	63	E	64.7	E	65.6	E
	NBT	36.9	D	36.8	D	36.8	D
	NBR						
	SBL						
	SBT	52.1	D	52.2	D	52.2	D
Intersection		15.7	B	15.7	B	15.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	16.5	B	16.6	B	16.9	B
	EBT	20	B	19.9	B	19.8	B
	EBR						
	WBL	15.7	B	16.6	B	16.8	B
	WBT	19.6	B	21.3	C	21.9	C
	WBR	5.4	A	5.7	A	5.8	A
	NBL						
	NBT	53.8	D	53.5	D	53.7	D
	NBR						
	SBL	67.7	E	75.6	E	77.6	E
	SBT	30.3	C	31.2	C	31.5	C
Intersection		29.8	C	31.4	C	31.9	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	28.3	C	29.8	C	30	C
	EBT	30.4	C	31.6	C	31.7	C
	EBR						
	WBL	1.9	A	2.1	A	2.2	A
	WBT	3.3	A	3.5	A	3.5	A
	WBR						
	NBL						
	NBT	21	C	21.3	C	20.6	C
	NBR						
	SBL						
	SBT	40.9	D	41.2	D	41.1	D
	SBR	1.2	A	1.2	A	1.2	A
Intersection		15.2	B	15.8	B	15.9	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.3	A	1.5	A	1.4	A
	EBT	3	A	3.1	A	3.1	A
	EBR	0.2	A	0.2	A	0.2	A
	WBL	22	C	24.2	C	24.5	C
	WBT	21.8	C	22.7	C	22.7	C
	WBR						
	NBL						
	NBT	49.3	D	49.2	D	49.5	D
	NBR	7.4	A	7.3	A	7.3	A
	SBL						
	SBT	25	C	24.9	C	25.2	C
Intersection		17.5	B	17.9	B	18	B

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Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	50.5	D	50.7	D	51.1	D
	EBT						
	EBR						
	WBL	31	C	31	C	31	C
	WBT						
	WBR						
	NBL	11.6	B	11.9	B	11.9	B
	NBT	16.2	B	16.5	B	16.5	B
	NBR	6	A	6	A	6	A
	SBT						
Intersection		17.6	B	18.1	B	18.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	15.7	B	15.6	B	15.7	B
	EBT						
	EBR						
	WBL	16.2	B	16.2	B	16.2	B
	WBT						
	WBR						
	NBL	20.4	C	20.3	C	20.4	C
	NBT						
	NBR						
	SBL	7.4	A	7.4	A	7.4	A
	SBT	7.7	A	7.7	A	7.7	A
	SBR	7.6	A	7.6	A	7.6	A
	NWL						
Intersection		9.8	A	9.8	A	9.8	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.5	B	10.6	B
	EBT						
	EBR						
	WBL	10.2	B	10.2	B	10.1	B
	WBT						
	WBR						
	NBL	9.4	A	9.4	A	9.4	A
	NBT						
	NBR						
	SBL	10.5	B	10.6	B	10.6	B
	SBT						
Intersection		10.2	B	10.3	B	10.3	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	24.2	C	25.3	D	31.8	D
Lakeland Avenue & Chester Road	EB	50.5	F	57.0	F	75.9	F
	NB	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.1	C	16.3	C
	WB	17.7	C	18.5	C	18.5	C
	NB	0.1	A	0.1	A	0.1	A
	SB	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	17.1	C	17.8	C	18.2	C
	NB	9.1	A	9.1	A	9.2	A
Railroad Avenue & Hiddink Street	WB	14.4	B	14.8	B	14.9	B
	NB	0.0		0.0		0.0	
	SB	2.2	A	2.2	A	2.3	A
Railroad Avenue & Center Street	EB	16.0	C	16.5	C	16.3	C
	NB	1.3	A	1.3	A	1.3	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.1	A	1.1	A	1.1	A
	WB	0.4	A	0.4	A	0.4	A
	NB	13.6	B	14.0	B	14.1	B
	SB	13.7	B	14.0	B	14.1	B
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.1	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0	
	NB	10.7	B	10.8	B	10.8	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A
	NB	10.5	B	10.5	B	10.5	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.0	A
	WB	8.0	A	8.0	A	8.0	A
	SB	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	9.5	A	9.5	A	9.6	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.0	A	8.1	A	8.1	A
	WB	9.0	A	9.0	A	9.1	A
	NB	8.4	A	8.5	A	8.5	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.8	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0	
	EB	0.0		0.0		0.0	
	NB	9.3	A	9.3	A	9.4	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0	
	SB	3.1	A	3.1	A	3.1	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A
	NB	6.1	A	6.1	A	6.1	A
Lincoln Avenue & Hiddink Street	EB	8.7	A	8.7	A	8.8	A
	WB	8.6	A	8.7	A	8.7	A
	NB	9.0	A	9.0	A	9.1	A
	SB	9.1	A	9.2	A	9.2	A
Site Access & 11th Street	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.0	C	19.5	C	22.4	C	22.4	C
	NB	10.1	B	10.3	B	10.9	B	10.9	B
Lakeland Avenue & Chester Road	EB	93.2	F	110.7	F	177.9	F	177.9	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	17.5	C	18.0	C	18.4	C	18.4	C
	WB	23.0	C	24.6	C	24.9	C	24.9	C
	NB	1.1	A	1.2	A	1.1	A	1.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	22.7	C	24.4	C	25.5	D	25.5	D
	NB	3.0	A	3.1	A	3.1	A	3.1	A
Railroad Avenue & Hiddink Street	WB	19.2	C	20.5	C	20.2	C	20.2	C
	NB	0.0		0.0		0.0		0.0	
	SB	3.6	A	3.7	A	3.7	A	3.7	A
Railroad Avenue & Center Street	EB	21.7	C	23.2	C	21.3	C	21.3	C
	NB	1.4	A	1.4	A	1.4	A	1.4	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.8	A	2.0	A	2.0	A	2.0	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	53.6	F	65.2	F	66.7	F	66.7	F
	SB	18.0	C	18.9	C	19.1	C	19.1	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.4	B	10.5	B	10.5	B	10.5	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.4	B	11.4	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.0	B	10.1	B	10.1	B	10.1	B
Terry Road & Sterling Place	EB	8.4	A	8.4	A	8.5	A	8.5	A
	WB	8.1	A	8.1	A	8.1	A	8.1	A
	SB	7.2	A	7.3	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.6	A	9.6	A

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.9	A	9.0	A	9.0	A	9.0	A
	WB	10.5	B	10.6	B	10.7	B	10.7	B
	NB	10.0	A	10.1	B	10.2	B	10.2	B
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.0	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.9	A	9.9	A	9.9	A	9.9	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.8	A	0.8	A	0.8	A	0.8	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	3.0	A	3.0	A	3.0	A	3.0	A
Lincoln Avenue & Hiddink Street	EB	10.3	B	10.4	B	10.5	B	10.5	B
	WB	9.0	A	9.0	A	9.1	A	9.1	A
	NB	10.0	A	10.1	B	10.1	B	10.1	B
	SB	10.5	B	10.6	B	10.6	B	10.6	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.8	B	10.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	25.8	D	26.5	D	30.2	D	30.2	D
	NB	10.6	B	10.8	B	11.5	B	11.5	B
Lakeland Avenue & Chester Road	EB	73.2	F	84.0	F	140.2	F	140.2	F
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	16.7	C	17.4	C	17.4	C	17.4	C
	WB	20.7	C	21.8	C	21.9	C	21.9	C
	NB	0.1	A	0.1	A	0.1	A	0.1	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	20.4	C	21.7	C	22.6	C	22.6	C
	NB	2.5	A	2.6	A	2.6	A	2.6	A
Railroad Avenue & Hiddink Street	WB	22.7	C	24.7	C	24.8	C	24.8	C
	NB	0.0		0.0		0.0		0.0	
	SB	3.5	A	3.6	A	3.6	A	3.6	A
Railroad Avenue & Center Street	EB	23.4	C	25.2	D	23.1	C	23.1	C
	NB	1.9	A	1.9	A	2.0	A	2.0	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.4	A	2.5	A	2.6	A	2.6	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	31.7	D	35.9	E	36.4	E	36.4	E
	SB	18.2	C	19.3	C	17.9	C	17.9	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.6	A	9.6	A
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	11.1	B	11.1	B	11.1	B	11.1	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.2	A	0.2	A	0.2	A	0.2	A
	NB	10.8	B	10.9	B	10.9	B	10.9	B
Terry Road & Sterling Place	EB	8.2	A	8.3	A	8.3	A	8.3	A
	WB	7.9	A	7.9	A	8.0	A	8.0	A
	SB	7.1	A	7.1	A	7.1	A	7.1	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.7	A	9.7	A	9.7	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 2 Analysis
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 2		Build Phase 2		Build Phase 2 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.4	A	8.4	A	8.5	A	8.5	A
	WB	10.2	B	10.3	B	10.4	B	10.4	B
	NB	9.0	A	9.1	A	9.2	A	9.2	A
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.1	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.5	B	10.6	B	10.6	B	10.6	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.8	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.3	A	3.3	A	3.3	A	3.3	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	4.6	A	4.6	A	4.6	A	4.6	A
Lincoln Avenue & Hiddink Street	EB	10.2	B	10.3	B	10.3	B	10.3	B
	WB	9.2	A	9.3	A	9.3	A	9.3	A
	NB	10.5	B	10.7	B	10.7	B	10.7	B
	SB	10.8	B	10.9	B	11.0	B	11.0	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	0.0	A	0.0	A	0.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	0.0	A	0.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Saturday Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.2	C	19.5	C	22.6	C
	NB	9.4	A	9.5	A	9.8	A
Lakeland Avenue & Chester Road	EB	65.7	F	74.9	F	109.6	F
	NB	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	20.1	C	21.4	C	21.8	C
	WB	31.1	D	34.7	D	35.8	E
	NB	0.4	A	0.4	A	0.4	A
	SB	0.6	A	0.7	A	0.7	A
Railroad Avenue & Depot Street	EB	37.9	E	43.2	E	50.0	F
	NB	3.2	A	3.4	A	3.4	A
Railroad Avenue & Hiddink Street	WB	32.5	D	36.9	E	40.6	E
	NB	0.0		0.0		0.0	
	SB	2.7	A	2.8	A	3.0	A
Railroad Avenue & Center Street	EB	25.9	D	27.9	D	28.3	D
	NB	1.9	A	1.9	A	1.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.2	A	1.3	A	1.3	A
	WB	0.5	A	0.6	A	0.6	A
	NB	42.9	E	51.2	F	52.6	F
	SB	17.8	C	18.7	C	18.9	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	9.9	A	9.9	A	9.9	A
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0	
	NB	10.7	B	10.7	B	10.8	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0	
	WB	0.1	A	0.1	A	0.1	A
	NB	9.9	A	10.0	A	10.0	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	7.9	A
	WB	7.8	A	7.8	A	7.9	A
	SB	7.1	A	7.1	A	7.1	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 2 Analysis

Level of Service Summary Table

		Saturday Summer Peak with OPD					
Intersections		Existing		No Build Phase 2		Build Phase 2	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.2	A	8.3	A
	WB	9.0	A	9.0	A	9.1	A
	NB	8.6	A	8.6	A	8.7	A
Tariff Street/Terry Road & Chester Road	EB	1.3	A	1.3	A	1.3	A
	WB	0.0		0.0		0.0	
	SB	9.8	A	9.8	A	9.8	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0	
	EB	0.0		0.0		0.0	
	NB	9.6	A	9.7	A	9.7	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0	
	SB	1.9	A	2.0	A	1.9	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0	
	SB	1.2	A	1.2	A	1.2	A
Carrie Avenue & Sterling Place	EB	8.6	A	8.6	A	8.6	A
Lincoln Avenue & Hiddink Street	EB	10.1	B	10.2	B	10.3	B
	WB	9.7	A	9.8	A	9.9	A
	NB	10.4	B	10.5	B	10.6	B
	SB	11.2	B	11.4	B	11.5	B
Site Access & 11th Street	EB	0.0		7.0	A	0.0	
	WB	0.0		7.1	A	0.0	
	NB	0.0	A	7.0	A	0.0	A
Terry Road & Site Access	EB	0.0		0.0		0.0	
	WB	0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.3	B

Level of Service Table: Phase 3 School

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	75.7	E	75.7	E	75.7	E
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.8	B	18.8	B	18.8	B
	NBT	7.9	A	7.9	A	7.9	A	7.9	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
Intersection		51.2	D	58.8	E	58.9	E	58.9	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.4	C	21.4	C
	EBT	21	C	21	C	21	C	21	C
	EBR	0.4	A	0.4	A	0.4	A	0.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14	B	14.1	B	14.1	B	14.1	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	5.7	A	5.8	A	5.7	A	5.7	A
	SBT	5.7	A	5.8	A	5.7	A	5.7	A
Intersection		12.5	B	12.6	B	12.6	B	12.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.7	C	21	C	21.6	C	20.7	C
	WBT	70.8	E	86.6	F	93.4	F	83.7	F
	WBR	19.4	B	20.3	C	20.8	C	19.8	B
	NBL	46.5	D	46.9	D	52.8	D	52.2	D
	NBT	14.6	B	15	B	17.4	B	18	B
	NBR								
	SBL								
	SBT	35.5	D	35.6	D	36.3	D	38.2	D
	SBR	42.5	D	42.9	D	44.7	D	48.1	D
Intersection		41.6	D	47.6	D	50.5	D	47.6	D

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	29.7	C	31.1	C	37.7	D	35.2	D
	EBT	26	C	27	C	31.2	C	29.4	C
	EBR	5.5	A	5.9	A	6.7	A	6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.3	C	33.2	C	33.7	C
	NBR	15.8	B	16.9	B	16.2	B	16.5	B
	SBL	39.4	D	40.2	D	39.9	D	43.7	D
	SBT	14.6	B	14.5	B	14	B	14.2	B
Intersection		24.7	C	25.4	C	27.4	C	26.9	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.4	C	24.4	C	24.4	C
	WBT	127.1	F	141.9	F	141.9	F	141.9	F
	WBR	31.1	C	31.9	C	31.8	C	31.8	C
	NBL	39.4	D	38.9	D	39	D	39	D
	NBT	17.1	B	16.8	B	16.7	B	16.7	B
	NBR								
	SBL								
	SBT	19	B	19.1	B	19.1	B	19.1	B
	SBR	21.6	C	21.8	C	21.8	C	21.8	C
Intersection		75	E	82.4	F	82.4	F	82.4	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35.3	D	35.3	D	35.3	D
	EBT	19.5	B	19.6	B	20	B	20	B
	EBR	19.7	B	19.7	B	19.7	B	19.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.3	B	19.3	B	19.3	B
	NBR	22.9	C	23.1	C	23.1	C	23.1	C
	SBL	36.9	D	37.1	D	37.1	D	37.1	D
	SBT	14.4	B	14.5	B	14.5	B	14.5	B
Intersection		24.5	C	24.8	C	24.7	C	24.7	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					32.1	C	32.1	C
	EBR					0.3	A	0.3	A
	WBL	31.2	C	31.2	C				
	WBT					22.7	C	22.7	C
	WBR	13.8	B	13.7	B	7.3	A	7.3	A
	NBL					4.8	A	4.8	A
	NBT	9.7	A	10.3	B	18.8	B	18.8	B
	NBR								
	SBL	2.5	A	2.6	A	5.3	A	5.3	A
	SBT	3.6	A	3.7	A	9.2	A	9.2	A
	SBR					0.6	A	0.6	A
Intersection		8.3	A	8.6	A	15.9	B	15.9	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.5	D	46.8	D	46.9	D	46.9	D
	EBT	39.8	D	39.9	D	39.6	D	39.6	D
	EBR								
	WBL								
	WBT	54.5	D	55.8	E	56	E	56	E
	WBR								
	NBL								
	NBT	19.9	B	20.5	C	20.8	C	20.8	C
	NBR	3.5	A	3.7	A	3.9	A	3.9	A
	SBL								
	SBT	19	B	19.5	B	20.3	C	20.3	C
Intersection		29.5	C	30.1	C	30.2	C	30.2	C
Lakeland Avenue & Manton Street	EBL								
	EBT	23.5	C	23.8	C	23.9	C	23.9	C
	EBR								
	WBL								
	WBT	13.5	B	13.5	B	13.6	B	13.6	B
	WBR								
	NBL								
	NBT	8	A	8.2	A	8.3	A	8.3	A
	NBR								
	SBL								
	SBT	7.9	A	8.1	A	8.4	A	8.4	A
Intersection		10.9	B	11.1	B	11.2	B	11.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.1	A	1.1	A	1.1	A	1.1	A
	EBR								
	WBL								
	WBT	8.5	A	9.6	A	10.9	B	10.9	B
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	32.8	C	32.8	C	32.8	C	32.8	C
	SBT								
	SBR	20.7	C	22.7	C	23.5	C	23.5	C
Intersection		8.1	A	9	A	9.9	A	9.9	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	3.3	A	3.3	A	3.3	A	3.3	A
	EBR								
	WBL								
	WBT	6.5	A	7	A	7.2	A	7.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	24.1	C	24.2	C	24	C	24	C
Intersection		6.7	A	7	A	7.2	A	7.2	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.6	A	5.6	A	5.6	A
	EBR								
	WBL								
	WBT	8	A	8.5	A	8.5	A	8.5	A
	WBR	3.2	A	3.2	A	3.3	A	3.3	A
	NBL	41.5	D	42	D	42.1	D	42.1	D
	NBT	28.7	C	28.5	C	28.5	C	28.5	C
	NBR								
	SBL								
	SBT	29.9	C	29.8	C	29.7	C	29.7	C
Intersection		12.5	B	12.8	B	12.8	B	12.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.2	B	14.6	B	15.9	B	15.9	B
	EBT	12.2	B	12.6	B	13.3	B	13.3	B
	EBR								
	WBL	12.1	B	12.3	B	12.4	B	12.4	B
	WBT	21	C	22.9	C	25.4	C	25.4	C
	WBR	4.5	A	4.7	A	4.8	A	4.8	A
	NBL								
	NBT	42.7	D	42.7	D	43.4	D	43.4	D
	NBR								
	SBL	28.1	C	28.4	C	27.1	C	27.1	C
	SBT	26.1	C	26.1	C	25.2	C	25.2	C
Intersection		21.5	C	22.5	C	23.6	C	23.6	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	20.3	C	20.4	C	20.4	C
	EBT	19.7	B	19.1	B	19.1	B	19.1	B
	EBR								
	WBL	2.7	A	2.8	A	2.8	A	2.8	A
	WBT	4.4	A	5	A	5	A	5	A
	WBR								
	NBL								
	NBT	28	C	28	C	28	C	28	C
	NBR								
	SBL								
	SBT	30.3	C	30.4	C	30.5	C	30.5	C
	SBR	0.7	A	0.7	A	0.7	A	0.7	A
Intersection		8.9	A	9.2	A	9.2	A	9.2	A
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.4	A	0.6	A	0.6	A	0.6	A
	EBT	1.3	A	1.3	A	1.3	A	1.3	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10	A	9.3	A	9.2	A	9.2	A
	WBT	27.8	C	28	C	27.9	C	27.9	C
	WBR								
	NBL								
	NBT	43.1	D	44.9	D	44.9	D	44.9	D
	NBR	3.2	A	3.5	A	3.6	A	3.6	A
	SBL								
	SBT	18.5	B	18.6	B	18.6	B	18.6	B
Intersection		20.5	C	20.8	C	20.7	C	20.7	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	39.3	D	39.6	D	39.9	D	39.9	D
	EBR								
	WBL								
	WBT	25.7	C	24.9	C	25.2	C	25.2	C
	WBR								
	NBL	4.4	A	5.1	A	5.2	A	5.2	A
	NBT	4.5	A	5	A	5.1	A	5.1	A
	NBR								
	SBL	4.7	A	4.7	A	5	A	5	A
	SBT	10.2	B	10.9	B	11.1	B	11.1	B
Intersection		11.3	B	11.9	B	12	B	12	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.9	B	15.8	B	15.8	B	15.9	B
	EBR								
	WBL								
	WBT	16.6	B	16.6	B	16.6	B	16.6	B
	WBR								
	NBL								
	NBT	20.2	C	20.2	C	20.1	C	20.2	C
	NBR								
	SBL	7.5	A	7.5	A	7.5	A	7.5	A
	SBT	7.5	A	7.5	A	7.4	A	7.4	A
	SBR								
	NWL	7.5	A	7.5	A	7.5	A	7.5	A
Intersection		9.8	A	9.8	A	9.7	A	9.7	A
Cherry Avenue & Brook Street	EBL								
	EBT	14	B	14.4	B	14.4	B	14.4	B
	EBR								
	WBL								
	WBT	11.4	B	11.6	B	11.6	B	11.6	B
	WBR								
	NBL								
	NBT	13.7	B	14	B	14	B	14	B
	NBR								
	SBL								
	SBT	12.5	B	12.7	B	13	B	13	B
Intersection		13.2	B	13.5	B	13.5	B	13.5	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.8	B	18.8	B	18.8	B
	WBT	71.5	E	82.8	F	82.8	F	82.8	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.5	B	17.5	B	17.5	B
	NBT	4	A	4.1	A	4.1	A	4.1	A
	NBR								
	SBL								
	SBT	20.1	C	20.2	C	20.2	C	20.2	C
	SBR	1.8	A	1.9	A	1.9	A	1.9	A
Intersection		47.6	D	54.5	D	54.5	D	54.5	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20	B	20	B	20	B
	EBT	21.2	C	21.3	C	21.3	C	21.3	C
	EBR	0.8	A	0.8	A	0.8	A	0.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	17.8	B	17.8	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.7	A	2.7	A	2.7	A
	SBT	2.4	A	2.5	A	2.5	A	2.5	A
Intersection		12	B	12.1	B	12.1	B	12.1	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	29.9	C	31.5	C	31.5	C
	WBT	139.7	F	155.4	F	155.4	F	155.4	F
	WBR	9.6	A	10.8	B	12.6	B	12.6	B
	NBL	46	D	45.5	D	48.1	D	81.1	F
	NBT	15.5	B	15.5	B	15.9	B	15.9	B
	NBR								
	SBL								
	SBT	67.7	E	78.2	E	101.9	F	69.3	E
	SBR	89.3	F	100.1	F	123.3	F	90.8	F
Intersection		78	E	86.8	F	93.9	F	84.4	F

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Phase 3 Analysis

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	28	C	28.5	C	30.5	C	30.5	C
	EBT	24.8	C	25.1	C	26.5	C	26.5	C
	EBR	6.2	A	7.3	A	14.9	B	14.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.6	C	32	C	32	C
	NBR	20.5	C	21.2	C	20.7	C	20.7	C
	SBL	44.5	D	44.4	D	42.9	D	45.9	D
	SBT	28.2	C	28	C	26.3	C	24.3	C
Intersection		26.8	C	27.1	C	27.7	C	27.6	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.5	C	23.5	C	23.5	C
	WBT	76.9	E	88.8	F	88.8	F	88.8	F
	WBR	22.8	C	23.1	C	23.1	C	23.1	C
	NBL	30.4	C	30.4	C	30.4	C	30.4	C
	NBT	12.8	B	12.8	B	12.8	B	12.8	B
	NBR								
	SBL								
	SBT	20.1	C	22.2	C	22.2	C	22.2	C
	SBR	80.1	F	133.8	F	133.8	F	133.8	F
Intersection		52.5	D	67.3	E	67.3	E	67.3	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.6	C	23.6	C	23.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22	C	22.2	C	22.2	C	22.2	C
	NBR	29.6	C	30.5	C	30.5	C	30.5	C
	SBL	41.2	D	40.1	D	40.2	D	40.2	D
	SBT	7.6	A	7.8	A	7.8	A	7.8	A
Intersection		23.6	C	23.6	C	23.6	C	23.6	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					32.9	C	32.9	C
	EBR					0.3	A	0.3	A
	WBL	32.4	C	32.4	C				
	WBT					26.3	C	26.3	C
	WBR	14	B	13.9	B	2.6	A	2.6	A
	NBL					4	A	4	A
	NBT	8.9	A	9.2	A	16.7	B	16.7	B
	NBR								
	SBL	2.5	A	2.5	A	4.6	A	4.6	A
	SBT	5.5	A	5.7	A	17.9	B	17.9	B
	SBR					3.7	A	3.7	A
Intersection		7.4	A	7.6	A	16.3	B	16.3	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.9	D	46.6	D	47.1	D	47.5	D
	EBT	45	D	45.5	D	45.4	D	45.8	D
	EBR								
	WBL								
	WBT	103.1	F	116.7	F	120.4	F	112.5	F
	WBR								
	NBL								
	NBT	23.8	C	25.8	C	28.1	C	29.1	C
	NBR	4	A	4.2	A	4.6	A	4.7	A
	SBL								
	SBT	25.2	C	26	C	26.7	C	27.1	C
Intersection		42.4	D	45.9	D	47.2	D	46	D
Lakeland Avenue & Manton Street	EBL								
	EBT	21.2	C	21.4	C	21.4	C	21.4	C
	EBR								
	WBL								
	WBT	15.7	B	15.7	B	15.6	B	15.6	B
	WBR								
	NBL								
	NBT	8.5	A	8.7	A	9	A	9	A
	NBR								
	SBL								
	SBT	12.2	B	12.9	B	13.4	B	13.4	B
Intersection		12	B	12.5	B	12.7	B	12.7	B

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Phase 3 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.9	A	3	A	3	A
	EBT	2.7	A	2.8	A	2.9	A	2.9	A
	EBR								
	WBL								
	WBT	6.9	A	7.2	A	7.4	A	7.4	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.2	D	50.2	D
	SBT								
	SBR	15.3	B	18	B	19.1	B	19.1	B
Intersection		5.9	A	6.4	A	6.5	A	6.5	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	11.4	B	11.6	B	11.6	B
	EBR								
	WBL								
	WBT	7.2	A	8.2	A	7.9	A	7.9	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37	D	37.8	D	37.7	D	37.7	D
Intersection		11.3	B	12.2	B	12.2	B	12.2	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.4	B	11.8	B	11.8	B
	EBR								
	WBL								
	WBT	6.3	A	6.7	A	6.7	A	6.7	A
	WBR	2.4	A	2.3	A	2.2	A	2.2	A
	NBL	63.9	E	65.4	E	66.6	E	66.6	E
	NBT	33.2	C	33	C	33	C	33	C
	NBR								
	SBL								
	SBT	53.5	D	53.8	D	53.7	D	53.7	D
Intersection		17.2	B	17.9	B	18	B	18	B

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Phase 3 Analysis
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		PM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	12.2	B	11.6	B	11.9	B	11.9	B
	EBT	19.5	B	18.8	B	18.9	B	18.9	B
	EBR								
	WBL	16	B	16.9	B	17.2	B	17.2	B
	WBT	18.8	B	20.1	C	20.4	C	20.4	C
	WBR	6.8	A	6.9	A	6.9	A	6.9	A
	NBL								
	NBT	53.2	D	53	D	53	D	53	D
	NBR								
	SBL	54.9	D	59.8	E	60.9	E	60.9	E
	SBT	31.6	C	32	C	32.3	C	32.3	C
Intersection		27.4	C	28.1	C	28.4	C	28.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.7	C	23.6	C	23.6	C
	EBT	38.6	D	43.9	D	44	D	44	D
	EBR								
	WBL	2	A	2.1	A	2.1	A	2.1	A
	WBT	2.5	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	29.2	C	28.8	C	28.6	C	28.6	C
	NBR								
	SBL								
	SBT	41.4	D	40.8	D	40.7	D	40.7	D
	SBR	8.1	A	8.3	A	8.2	A	8.2	A
Intersection		20.6	C	22.7	C	22.6	C	22.6	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.5	A	0.4	A	0.5	A	0.5	A
	EBT	3.2	A	3.5	A	3.5	A	3.5	A
	EBR	0.1	A	0	A	0	A	0	A
	WBL	19.1	B	21.6	C	21.8	C	21.8	C
	WBT	16.4	B	17.2	B	17.2	B	17.2	B
	WBR								
	NBL								
	NBT	48.7	D	49.1	D	49.5	D	49.5	D
	NBR	8.2	A	8.3	A	8.3	A	8.3	A
	SBL								
	SBT	26.3	C	26.5	C	26.5	C	26.5	C
Intersection		14.2	B	14.9	B	15	B	15	B

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Phase 3 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	55.4	E	55.4	E	55.4	E
	EBR								
	WBL								
	WBT	14.5	B	14.9	B	14.9	B	14.9	B
	WBR								
	NBL	13.4	B	13.2	B	13.2	B	13.2	B
	NBT	20.9	C	20.8	C	20.9	C	20.9	C
	NBR								
	SBL	7	A	6.5	A	6.5	A	6.5	A
	SBT	12.7	B	13	B	13.1	B	13.1	B
Intersection		21	C	21.3	C	21.5	C	21.5	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	17.4	B	19.3	B	17.4	B	17.4	B
	EBR								
	WBL								
	WBT	17.3	B	19.3	B	17.4	B	17.4	B
	WBR								
	NBL								
	NBT	17.5	B	19.6	B	17.5	B	17.5	B
	NBR								
	SBL	6.3	A	7.8	A	6.3	A	6.3	A
	SBT	6.2	A	7.8	A	6.3	A	6.3	A
	SBR								
	NWL	6.3	A	7.9	A	6.4	A	6.4	A
Intersection		8.9	A	10.6	B	8.9	A	8.9	A
Cherry Avenue & Brook Street	EBL								
	EBT	11.5	B	11.7	B	13	B	13	B
	EBR								
	WBL								
	WBT	12.5	B	12.7	B	14.1	B	14.1	B
	WBR								
	NBL								
	NBT	9.5	A	9.6	A	9.7	A	9.7	A
	NBR								
	SBL								
	SBT	13.2	B	13.4	B	15.4	B	15.4	B
Intersection		12.1	B	12.2	B	13.6	B	13.6	B

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Phase 3 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.1	B	18.1	B	18.1	B	18.1	B
	WBT	18.9	B	19	B	19	B	19	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	18.7	B	18.9	B	18.9	B	18.9	B
	NBT	3.3	A	3.4	A	3.4	A	3.4	A
	NBR								
	SBL								
	SBT	19.1	B	19.1	B	19.1	B	19.1	B
	SBR	0.3	A	0.3	A	0.3	A	0.3	A
Intersection		14.3	B	14.4	B	14.4	B	14.4	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.7	C	20.6	C	20.6	C	20.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	0.9	A	0.9	A	0.9	A	0.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.6	B	15.7	B	15.7	B	15.7	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2	A	2	A	2	A	2	A
	SBT	1.7	A	1.7	A	1.7	A	1.7	A
Intersection		12.6	B	12.6	B	12.6	B	12.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.4	C	28.4	C	29.9	C	30.2	C
	WBT	27.7	C	27.7	C	27.8	C	28	C
	WBR	5.2	A	6.2	A	7.9	A	7.9	A
	NBL	54	D	54.9	D	59	E	55.1	E
	NBT	14.2	B	14.4	B	14.6	B	15.1	B
	NBR								
	SBL								
	SBT	29.7	C	30.6	C	32.1	C	32.5	C
	SBR	34.3	C	35.6	D	38.1	D	38.8	D
Intersection		26.7	C	27.2	C	28.7	C	28.7	C

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Phase 3 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	26.9	C	27.1	C	28.2	C	28.8	C
	EBT	24.8	C	24.9	C	25.6	C	26	C
	EBR	3.9	A	3.9	A	7.7	A	7.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	27.5	C	27.8	C	28.3	C	28.3	C
	NBR	13.5	B	14.8	B	16.1	B	15.9	B
	SBL	41.5	D	41.7	D	41.5	D	40.3	D
	SBT	23.1	C	23.6	C	22.6	C	22.3	C
Intersection		23.4	C	23.8	C	24.2	C	24.2	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	21.2	C	21.4	C	21.4	C	21.4	C
	WBT	21.7	C	21.9	C	21.9	C	21.9	C
	WBR	20.1	C	20.2	C	20.2	C	20.2	C
	NBL	34.5	C	34.5	C	34.5	C	34.5	C
	NBT	11.7	B	11.6	B	11.7	B	11.7	B
	NBR								
	SBL								
	SBT	19	B	19.2	B	19.2	B	19.2	B
	SBR	22.3	C	22.6	C	22.6	C	22.6	C
Intersection		20.7	C	20.8	C	20.8	C	20.8	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.3	C	23.3	C	23.3	C	23.3	C
	EBT	21	C	21	C	21	C	21	C
	EBR	23.1	C	23.1	C	23.1	C	23.1	C
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	18.2	B	18.4	B	18.4	B	18.4	B
	NBR	22.7	C	23.4	C	23.4	C	23.4	C
	SBL	35.9	D	35.9	D	35.9	D	35.9	D
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
Intersection		19.7	B	19.9	B	19.9	B	19.9	B

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Phase 3 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					32.5	C	32.5	C
	EBR					1.3	A	1.3	A
	WBL	32.5	C	32.6	C				
	WBT					25.7	C	25.7	C
	WBR	13.6	B	13.6	B	5.2	A	5.2	A
	NBL					3.9	A	3.9	A
	NBT	9.3	A	9.6	A	14.8	B	14.8	B
	NBR								
	SBL	2.5	A	2.5	A	4.4	A	4.4	A
	SBT	5.4	A	5.6	A	8	A	8	A
	SBR					2.7	A	2.7	A
Intersection		7.8	A	8.1	A	13.6	B	13.6	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	44	D	44.4	D	45	D	45	D
	EBT	40.1	D	40.3	D	40	D	40	D
	EBR								
	WBL								
	WBT	48.1	D	48.8	D	48.8	D	48.8	D
	WBR								
	NBL								
	NBT	20.8	C	21.5	C	22.7	C	22.7	C
	NBR	5	A	5.2	A	5.7	A	5.7	A
	SBL								
	SBT	22	C	22.9	C	24.3	C	24.3	C
Intersection		27.2	C	27.8	C	28.6	C	28.6	C
Lakeland Avenue & Manton Street	EBL								
	EBT	20.8	C	20.6	C	20.8	C	20.8	C
	EBR								
	WBL								
	WBT	14.4	B	14.4	B	14.3	B	14.3	B
	WBR								
	NBL								
	NBT	8.2	A	8.4	A	8.8	A	8.8	A
	NBR								
	SBL								
	SBT	10.2	B	10.8	B	11.5	B	11.5	B
Intersection		10.3	B	10.7	B	11.2	B	11.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.9	A	1.9	A	2	A	2	A
	EBR								
	WBL								
	WBT	5	A	5.1	A	5.2	A	5.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.5	D	50.5	D	50.7	D	50.7	D
	SBT								
	SBR	16	B	16.1	B	16	B	16	B
Intersection		5.1	A	5.2	A	5.3	A	5.3	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.8	A	7	A	7.3	A	7.3	A
	EBR								
	WBL								
	WBT	5.5	A	6	A	6.3	A	6.3	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	36.5	D	37.1	D	37	D	37	D
Intersection		8.9	A	9.3	A	9.6	A	9.6	A
Greene Avenue & Montauk Highway	EBL								
	EBT	7.3	A	7.5	A	7.6	A	7.6	A
	EBR								
	WBL								
	WBT	6	A	6.9	A	7.3	A	7.3	A
	WBR	2.8	A	2.9	A	3	A	3	A
	NBL	49.2	D	49.6	D	49.8	D	49.8	D
	NBT	34.2	C	33.8	C	33.9	C	33.9	C
	NBR								
	SBL								
	SBT	52.6	D	52.5	D	52.5	D	52.5	D
Intersection		15.4	B	15.9	B	15.9	B	15.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	14.5	B	14.5	B	14.8	B	14.8	B
	EBT	18.1	B	18.2	B	18	B	18	B
	EBR								
	WBL	15.5	B	15.8	B	15.8	B	15.8	B
	WBT	19.2	B	19.8	B	20.2	C	20.2	C
	WBR	5.4	A	5.7	A	5.9	A	5.9	A
	NBL								
	NBT	50.6	D	51	D	51.1	D	51.1	D
	NBR								
	SBL	78.5	E	91.1	F	93.5	F	93.5	F
	SBT	29.6	C	30	C	30.8	C	30.8	C
Intersection		30.6	C	32.9	C	33.4	C	33.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	24.3	C	24.9	C	25	C	25	C
	EBT	32.5	C	33.5	C	33.7	C	33.7	C
	EBR								
	WBL	2	A	2.3	A	2.5	A	2.5	A
	WBT	3.3	A	3.5	A	3.7	A	3.7	A
	WBR								
	NBL								
	NBT	24.5	C	24.2	C	24.4	C	24.4	C
	NBR								
	SBL								
	SBT	41.4	D	41.5	D	41.6	D	41.6	D
	SBR	2.6	A	3	A	3	A	3	A
Intersection		16	B	16.5	B	16.7	B	16.7	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1	A	1.1	A	1	A	1	A
	EBT	2.5	A	2.5	A	2.6	A	2.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	18.8	B	20	C	20.2	C	20.2	C
	WBT	20.8	C	21.6	C	21.5	C	21.5	C
	WBR								
	NBL								
	NBT	43.2	D	43.5	D	43.5	D	43.5	D
	NBR	7.1	A	7.1	A	7.1	A	7.1	A
	SBL								
	SBT	22.1	C	22.2	C	22.2	C	22.2	C
Intersection		15.6	B	16	B	16	B	16	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	53.2	D	53.8	D	54.3	D	54.3	D
	EBT								
	EBR								
	WBL	26.6	C	26.4	C	26.3	C	26.3	C
	WBT								
	WBR								
	NBL	11.4	B	11.5	B	11.7	B	11.7	B
	NBT	17.9	B	18.2	B	18.4	B	18.4	B
	NBR	6.2	A	6.2	A	6.2	A	6.2	A
	SBL								
	SBT	13.5	B	14.3	B	14.8	B	14.8	B
Intersection		19.1	B	19.7	B	20.2	C	20.2	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL	14.5	B	14.4	B	14.4	B	14.5	B
	EBT								
	EBR								
	WBL	14.5	B	14.5	B	14.5	B	14.5	B
	WBT								
	WBR								
	NBL	19.1	B	19.1	B	19.1	B	19.1	B
	NBT								
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	6.2	A	6.2	A	6.2	A	6.2	A
	SBR	6.1	A	6.1	A	6.1	A	6.1	A
	NWL								
Intersection		7.5	A	7.5	A	7.5	A	7.5	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.6	B	10.7	B	10.7	B
	EBT								
	EBR								
	WBL	10.2	B	10.3	B	10.3	B	10.3	B
	WBT								
	WBR								
	NBL	9.3	A	9.3	A	9.3	A	9.3	A
	NBT								
	NBR								
	SBL	10.7	B	10.7	B	10.9	B	10.9	B
	SBT								
Intersection		10.3	B	10.3	B	10.5	B	10.5	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.6	C	23.8	C	33.6	D	33.2	D
	NB	9.1	A	9.2	A	9.4	A	9.4	A
Lakeland Avenue & Chester Road	EB	37.0	E	41.2	E	48.7	E	48.7	E
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.0	C	16.8	C	16.8	C
	WB	18.3	C	19.2	C	19.9	C	19.9	C
	NB	0.8	A	0.8	A	0.8	A	0.8	A
	SB	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue & Depot Street	EB	13.9	B	14.2	B	14.9	B	14.9	B
	NB	8.5	A	8.5	A	8.6	A	8.6	A
Railroad Avenue & Hiddink Street	WB	12.4	B	12.6	B	12.7	B	12.7	B
	NB	0.0		0.0		0.0		0	
	SB	3.1	A	3.1	A	3.2	A	3.2	A
Railroad Avenue & Center Street	EB	12.7	B	12.9	B	13.1	B	13.1	B
	NB	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.1	A	2.2	A	2.2	A	2.2	A
	WB	0.0	A	0.0	A	0.0	A	0	A
	NB	10.6	B	10.6	B	10.7	B	10.7	B
	SB	20.3	C	21.5	C	21.7	C	21.7	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.5	A	9.6	A	9.6	A	9.6	A
Bohemia Pkwy. & Terry Road	EB	0.3	A	0.3	A	0.3	A	0.3	A
	WB	0.0		0.0		0.0		0	
	NB	11.3	B	11.4	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	NB	10.5	B	10.6	B	10.6	B	10.6	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.0	A	8	A
	WB	8.2	A	8.2	A	8.3	A	8.3	A
	SB	7.2	A	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.6	A	9.7	A	9.7	A	9.7	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.2	A	8.3	A	8.3	A
	WB	10.6	B	10.8	B	10.9	B	10.9	B
	NB	9.5	A	9.6	A	9.7	A	9.7	A
Tariff Street/Terry Road & Chester Road	EB	2.1	A	2.1	A	2.1	A	2.1	A
	WB	0.0		0.0		0.0		0	
	SB	10.1	B	10.1	B	10.2	B	10.2	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	8.9	A	9.0	A	9.2	A	9.2	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9	A
	NB	0.0		0.0		0.0		0	
	SB	2.4	A	2.4	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	0.0		0.0		0.0		0	
	SB	1.0	A	1.0	A	1.0	A	1	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB	8.4	A	8.5	A	8.5	A	8.5	A
	WB	8.6	A	8.7	A	8.7	A	8.7	A
	NB	8.7	A	8.8	A	8.8	A	8.8	A
	SB	8.9	A	9.0	A	9.0	A	9	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		3.4	A	3.4	A
	NB	0.0	A	0.0	A	9.0	A	9	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	10.6	B	10.6	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.5	C	23.6	C	29.6	D	29.6	D
	NB	10.3	B	10.5	B	11.3	B	11.3	B
Lakeland Avenue & Chester Road	EB	83.0	F	105.2	F	231.5	F	231.5	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	23.1	C	24.5	C	25.9	D	25.9	D
	WB	24.6	C	27.1	D	29.7	D	29.7	D
	NB	0.2	A	0.2	A	0.2	A	0.2	A
	SB	0.5	A	0.5	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	25.6	D	27.6	D	30.6	D	30.6	D
	NB	3.8	A	3.9	A	4.0	A	4	A
Railroad Avenue & Hiddink Street	WB	26.3	D	29.5	D	30.7	D	30.7	D
	NB	0.0		0.0		0.0		0	
	SB	4.2	A	4.3	A	4.4	A	4.4	A
Railroad Avenue & Center Street	EB	28.9	D	31.6	D	32.2	D	32.2	D
	NB	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.3	A	2.5	A	2.6	A	2.6	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	62.1	F	75.8	F	77.8	F	77.8	F
	SB	19.2	C	20.2	C	20.3	C	20.3	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.2	A	9.2	A	9.2	A	9.2	A
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.1	A	0.0	A	0.0	A	0	A
	NB	11.8	B	11.9	B	12.0	B	12	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0	A	0.0	A	0.0	A	0	A
	NB	11.2	B	11.3	B	11.3	B	11.3	B
Terry Road & Sterling Place	EB	8.8	A	8.8	A	8.9	A	8.9	A
	WB	8.2	A	8.3	A	8.3	A	8.3	A
	SB	7.4	A	7.4	A	7.4	A	7.4	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0	A
	WB	0.0		0.0		0.0		0	
	SB	9.9	A	9.9	A	10.0	A	10	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.8	A	10.0	A	9.3	A	9.3	A
	WB	12.3	B	12.6	B	11.6	B	11.6	B
	NB	11.1	B	11.4	B	9.2	A	9.2	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0	
	SB	11.2	B	11.4	B	11.4	B	11.4	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	10.0	A	10.0	B	10.2	B	10.2	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.2	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0	
	SB	2.4	A	2.3	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0	
	SB	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB	12.0	B	12.4	B	12.5	B	12.5	B
	WB	10.1	B	10.3	B	10.3	B	10.3	B
	NB	11.3	B	11.6	B	11.7	B	11.7	B
	SB	12.9	B	13.4	B	13.5	B	13.5	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		3.9	A	3.9	A
	NB	0.0	A	0.0	A	9.8	A	9.8	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	11.1	B	11.1	B

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 3 Analysis

Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	23.7	C	25.0	D	31.7	D	31.8	D
	NB	9.6	A	9.8	A	10.2	B	10.2	B
Lakeland Avenue & Chester Road	EB	63.3	F	78.0	F	66.3	F	66.3	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	18.1	C	18.8	C	20.2	C	20.2	C
	WB	27.1	D	29.2	D	33.5	D	33.5	D
	NB	0.3	A	0.3	A	0.3	A	0.3	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	28.3	D	31.4	D	38.0	E	38	E
	NB	3.6	A	3.7	A	3.8	A	3.8	A
Railroad Avenue & Hiddink Street	WB	30.8	D	35.1	E	41.4	E	41.4	E
	NB	0.0		0.0		0.0		0	
	SB	3.4	A	3.5	A	3.7	A	3.7	A
Railroad Avenue & Center Street	EB	23.0	C	24.6	C	25.6	D	25.6	D
	NB	1.6	A	1.6	A	1.6	A	1.6	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.7	A	1.8	A	1.9	A	1.9	A
	WB	0.3	A	0.4	A	0.4	A	0.4	A
	NB	52.5	F	60.9	F	66.9	F	66.9	F
	SB	16.8	C	17.4	C	17.7	C	17.7	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	10.9	B	11.0	B	11.0	B	11	B
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0	
	NB	12.1	B	12.2	B	12.2	B	12.2	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	NB	10.6	B	10.7	B	10.8	B	10.8	B
Terry Road & Sterling Place	EB	8.6	A	8.7	A	8.7	A	8.7	A
	WB	8.3	A	8.3	A	8.4	A	8.4	A
	SB	7.3	A	7.3	A	7.4	A	7.4	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0	
	SB	10.1	B	10.2	B	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis

Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.7	A	9.9	A	10.0	B	10	B
	WB	10.3	B	10.5	B	10.8	B	10.8	B
	NB	11.0	B	11.2	B	11.7	B	11.7	B
Tariff Street/Terry Road & Chester Road	EB	1.8	A	1.8	A	1.7	A	1.7	A
	WB	0.0		0.0		0.0		0	
	SB	10.3	B	10.3	B	10.4	B	10.4	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	9.6	A	9.7	A	9.8	A	9.8	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9	A
	NB	0.0		0.0		0.0		0	
	SB	0.7	A	0.7	A	0.7	A	0.7	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0	
	SB	0.9	A	0.9	A	0.9	A	0.9	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	5.0	A	5.0	A	5.0	A	5	A
Lincoln Avenue & Hiddink Street	EB	9.9	A	10.1	B	10.2	B	10.2	B
	WB	9.4	A	9.6	A	9.7	A	9.7	A
	NB	10.6	B	10.8	B	11.0	B	11	B
	SB	10.4	B	10.6	B	10.7	B	10.7	B
Site Access & 11th Street	EB	7.0	A	7.0	A	0.0		7.1	A
	WB	7.1	A	7.1	A	3.7	A	7.5	A
	NB	7.0	A	7.0	A	9.4	A	7.5	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	11.5	B	11.5	B

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Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	72.4	E	73.7	E	73.7	E
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.8	B	18.7	B	18.7	B
	NBT	7.9	A	7.9	A	7.8	A	7.8	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
Intersection		51.2	D	56.3	E	57.3	E	57.3	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.4	C	21.4	C
	EBT	21	C	20.9	C	21	C	21	C
	EBR	0.4	A	0.4	A	0.4	A	0.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14	B	14.1	B	14.1	B	14.1	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	5.7	A	5.8	A	5.7	A	5.7	A
	SBT	5.7	A	5.7	A	5.7	A	5.7	A
Intersection		12.5	B	12.6	B	12.5	B	12.5	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.7	C	20.9	C	21.2	C	20.9	C
	WBT	70.8	E	81	F	86.5	F	83.3	F
	WBR	19.4	B	19.9	B	20.3	C	19.9	B
	NBL	46.5	D	46.7	D	49.1	D	49.2	D
	NBT	14.6	B	14.9	B	16.3	B	16.6	B
	NBR								
	SBL								
	SBT	35.5	D	35.6	D	36.2	D	36.8	D
	SBR	42.5	D	42.8	D	43.9	D	45	D
Intersection		41.6	D	45.5	D	47.7	D	46.8	D

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Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	29.7	C	30.6	C	34.1	C	33.6	C
	EBT	26	C	26.6	C	29.3	C	28.9	C
	EBR	5.5	A	5.8	A	6.2	A	5.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.4	C	32.8	C	33.1	C
	NBR	15.8	B	16.7	B	16.7	B	16.3	B
	SBL	39.4	D	39.9	D	40.1	D	40.1	D
	SBT	14.6	B	14.6	B	14	B	14.1	B
Intersection		24.7	C	25.2	C	26.3	C	26.1	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.3	C	24.3	C	24.3	C
	WBT	127.1	F	137.1	F	138.9	F	138.9	F
	WBR	31.1	C	31.6	C	31.6	C	31.6	C
	NBL	39.4	D	39.2	D	39.1	D	39.1	D
	NBT	17.1	B	16.9	B	16.8	B	16.8	B
	NBR								
	SBL								
	SBT	19	B	19.1	B	19.1	B	19.1	B
	SBR	21.6	C	21.7	C	21.8	C	21.8	C
Intersection		75	E	80	F	81	F	81	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35	D	35.1	D	35.1	D
	EBT	19.5	B	19.5	B	20	B	20	B
	EBR	19.7	B	19.7	B	19.7	B	19.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.3	B	19.3	B	19.3	B
	NBR	22.9	C	23	C	23.1	C	23.1	C
	SBL	36.9	D	37	D	37	D	37	D
	SBT	14.4	B	14.4	B	14.5	B	14.5	B
Intersection		24.5	C	24.7	C	24.6	C	24.6	C

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Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					30.3	C	30.3	C
	EBT					0.2	A	0.2	A
	EBR	31.2	C	31.2	C				
	WBL					24	C	24	C
	WBT	13.8	B	13.7	B	8.4	A	8.4	A
	WBR					3.8	A	3.8	A
	NBL	9.7	A	10.1	B	16	B	16	B
	NBT								
	NBR	2.5	A	2.5	A	4.2	A	4.2	A
	SBL	3.6	A	3.7	A	7.8	A	7.8	A
	SBT					0.1	A	0.1	A
Intersection		8.3	A	8.5	A	13.5	B	13.5	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.5	D	46.7	D	46.8	D	46.8	D
	EBT	39.8	D	39.8	D	39.8	D	39.8	D
	EBR								
	WBL	54.5	D	55.4	E	55.7	E	55.7	E
	WBT								
	WBR								
	NBL	19.9	B	20.3	C	20.5	C	20.5	C
	NBT	3.5	A	3.6	A	3.8	A	3.8	A
	NBR								
	SBL	19	B	19.4	B	19.8	B	19.8	B
Intersection		29.5	C	29.9	C	30	C	30	C
Lakeland Avenue & Manton Street	EBL	23.5	C	23.8	C	23.8	C	23.8	C
	EBT								
	EBR								
	WBL	13.5	B	13.5	B	13.3	B	13.3	B
	WBT								
	WBR								
	NBL	8	A	8.2	A	8.2	A	8.2	A
	NBT								
	NBR	7.9	A	8.1	A	8.3	A	8.3	A
Intersection		10.9	B	11.1	B	11.1	B	11.1	B

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Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.4	A	1.4	A
	EBT	1.1	A	1.1	A	1.1	A	1.1	A
	EBR								
	WBL								
	WBT	8.5	A	9.2	A	9.5	A	9.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	32.8	C	32.8	C	32.8	C	32.8	C
	SBT								
	SBR	20.7	C	22	C	22.6	C	22.6	C
Intersection		8.1	A	8.7	A	8.9	A	8.9	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	3.3	A	3.3	A	3.3	A	3.3	A
	EBR								
	WBL								
	WBT	6.5	A	6.8	A	7	A	7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	24.1	C	24.1	C	24.1	C	24.1	C
Intersection		6.7	A	6.8	A	7.1	A	7.1	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.5	A	5.6	A	5.6	A
	EBR								
	WBL								
	WBT	8	A	8.3	A	8.4	A	8.4	A
	WBR	3.2	A	3.3	A	3.3	A	3.3	A
	NBL	41.5	D	41.8	D	42	D	42	D
	NBT	28.7	C	28.6	C	28.6	C	28.6	C
	NBR								
	SBL								
	SBT	29.9	C	29.8	C	29.9	C	29.9	C
Intersection		12.5	B	12.7	B	12.8	B	12.8	B

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Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.2	B	14.1	B	14.6	B	14.6	B
	EBT	12.2	B	12.3	B	12.5	B	12.5	B
	EBR								
	WBL	12.1	B	12.2	B	12.5	B	12.5	B
	WBT	21	C	22.3	C	22.8	C	22.8	C
	WBR	4.5	A	4.7	A	4.7	A	4.7	A
	NBL								
	NBT	42.7	D	42.7	D	42.5	D	42.5	D
	NBR								
	SBL	28.1	C	28.3	C	28.3	C	28.3	C
	SBT	26.1	C	26.1	C	26.3	C	26.3	C
Intersection		21.5	C	22.2	C	22.4	C	22.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	20.7	C	20.6	C	20.6	C
	EBT	19.7	B	19.7	B	19.2	B	19.2	B
	EBR								
	WBL	2.7	A	2.7	A	2.7	A	2.7	A
	WBT	4.4	A	4.8	A	4.9	A	4.9	A
	WBR								
	NBL								
	NBT	28	C	28	C	28	C	28	C
	NBR								
	SBL								
	SBT	30.3	C	30.4	C	30.5	C	30.5	C
	SBR	0.7	A	0.7	A	0.7	A	0.7	A
Intersection		8.9	A	9.2	A	9.2	A	9.2	A
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.4	A	0.6	A	0.6	A	0.6	A
	EBT	1.3	A	1.3	A	1.3	A	1.3	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10	A	9.3	A	9.3	A	9.3	A
	WBT	27.8	C	27.9	C	27.8	C	27.8	C
	WBR								
	NBL								
	NBT	43.1	D	44	D	44.7	D	44.7	D
	NBR	3.2	A	3.5	A	3.5	A	3.5	A
	SBL								
	SBT	18.5	B	18.5	B	18.6	B	18.6	B
Intersection		20.5	C	20.6	C	20.7	C	20.7	C

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Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	39.3	D	39.5	D	39.9	D	39.9	D
	EBR								
	WBL								
	WBT	25.7	C	24.9	C	25.3	C	25.3	C
	WBR								
	NBL	4.4	A	4.9	A	5.1	A	5.1	A
	NBT	4.5	A	4.9	A	5	A	5	A
	NBR								
	SBL	4.7	A	4.7	A	5	A	5	A
	SBT	10.2	B	10.7	B	10.9	B	10.9	B
Intersection		11.3	B	11.7	B	11.9	B	11.9	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.9	B	15.8	B	15.9	B	15.9	B
	EBR								
	WBL								
	WBT	16.6	B	16.6	B	16.6	B	16.6	B
	WBR								
	NBL								
	NBT	20.2	C	20.2	C	20.2	C	20.2	C
	NBR								
	SBL	7.5	A	7.6	A	7.5	A	7.5	A
	SBT	7.5	A	7.5	A	7.4	A	7.4	A
	SBR								
	NWL	7.5	A	7.5	A	7.5	A	7.5	A
Intersection		9.8	A	9.8	A	9.7	A	9.7	A
Cherry Avenue & Brook Street	EBL								
	EBT	14	B	14.2	B	14.2	B	14.2	B
	EBR								
	WBL								
	WBT	11.4	B	11.5	B	11.6	B	11.6	B
	WBR								
	NBL								
	NBT	13.7	B	13.9	B	13.9	B	13.9	B
	NBR								
	SBL								
	SBT	12.5	B	12.6	B	12.7	B	12.7	B
Intersection		13.2	B	13.4	B	13.4	B	13.4	B

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		PM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.7	B	18.7	B	18.7	B
	WBT	71.5	E	78.8	E	80.6	F	80.6	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.5	B	17.5	B	17.5	B
	NBT	4	A	4.1	A	4.1	A	4.1	A
	NBR								
	SBL								
	SBT	20.1	C	20.1	C	20.2	C	20.2	C
	SBR	1.8	A	1.9	A	1.9	A	1.9	A
Intersection		47.6	D	52	D	53.1	D	53.1	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20	B	20	B	20	B
	EBT	21.2	C	21.2	C	21.3	C	21.3	C
	EBR	0.8	A	0.8	A	0.8	A	0.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	17.8	B	17.8	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.6	A	2.7	A	2.7	A
	SBT	2.4	A	2.5	A	2.5	A	2.5	A
Intersection		12	B	12.1	B	12.1	B	12.1	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	29.7	C	30.6	C	30.6	C
	WBT	139.7	F	150.1	F	152.2	F	152.2	F
	WBR	9.6	A	10.4	B	11.6	B	11.6	B
	NBL	46	D	45.7	D	47	D	57.1	E
	NBT	15.5	B	15.5	B	15.6	B	14.6	B
	NBR								
	SBL								
	SBT	67.7	E	74.4	E	86.6	F	69.6	E
	SBR	89.3	F	96.1	F	111.8	F	94.5	F
Intersection		78	E	83.7	F	88.4	F	82.9	F

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		PM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	28	C	28.3	C	29.7	C	28	C
	EBT	24.8	C	25	C	26	C	24.8	C
	EBR	6.2	A	6.9	A	11	B	10.4	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.4	C	31.3	C	32.6	C
	NBR	20.5	C	21	C	20.9	C	21.7	C
	SBL	44.5	D	44.5	D	43.7	D	45.6	D
	SBT	28.2	C	28.1	C	26.7	C	27.5	C
Intersection		26.8	C	27	C	27.3	C	27.4	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.4	C	23.5	C	23.5	C
	WBT	76.9	E	84.8	F	86.5	F	86.5	F
	WBR	22.8	C	23	C	23.1	C	23.1	C
	NBL	30.4	C	30.4	C	30.3	C	30.3	C
	NBT	12.8	B	12.8	B	12.8	B	12.8	B
	NBR								
	SBL								
	SBT	20.1	C	20.2	C	20.2	C	20.2	C
	SBR	80.1	F	86.3	F	87.9	F	87.9	F
Intersection		52.5	D	56.7	E	57.6	E	57.6	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.5	C	23.5	C	23.5	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22	C	22.1	C	22.2	C	22.2	C
	NBR	29.6	C	30.1	C	30.3	C	30.3	C
	SBL	41.2	D	41.3	D	41.2	D	41.2	D
	SBT	7.6	A	7.7	A	7.8	A	7.8	A
Intersection		23.6	C	23.8	C	23.8	C	23.8	C

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		PM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					28.6	C	28.6	C
	EBT					0.1	A	0.1	A
	EBR	32.4	C	32.4	C				
	WBL					26.6	C	26.6	C
	WBT	14	B	14.1	B	3	A	3	A
	WBR					3.2	A	3.2	A
	NBL	8.9	A	9.1	A	12.4	B	12.4	B
	NBT								
	NBR								
	SBL	2.5	A	2.5	A	3.5	A	3.5	A
	SBT	5.5	A	5.6	A	11.7	B	11.7	B
	SBR					2.4	A	2.4	A
Intersection		7.4	A	7.6	A	11.6	B	11.6	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.9	D	46.3	D	46.6	D	46.8	D
	EBT	45	D	45.4	D	45.4	D	45.7	D
	EBR								
	WBL	103.1	F	112.1	F	115.2	F	107.2	F
	WBT								
	WBR								
	NBL								
	NBT	23.8	C	25.2	C	26.5	C	27.3	C
	NBR	4	A	4.2	A	4.4	A	4.4	A
	SBL								
	SBT	25.2	C	25.7	C	26.1	C	26.6	C
Intersection		42.4	D	44.8	D	45.7	D	44.4	D
Lakeland Avenue & Manton Street	EBL	21.2	C	21.3	C	21.3	C	21.3	C
	EBT								
	EBR								
	WBL								
	WBT	15.7	B	15.8	B	15.7	B	15.7	B
	WBR								
	NBL								
	NBT	8.5	A	8.7	A	8.8	A	8.8	A
	NBR								
	SBL								
	SBT	12.2	B	12.6	B	13	B	13	B
Intersection		12	B	12.3	B	12.5	B	12.5	B

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		PM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.8	A	2.9	A	2.9	A
	EBT	2.7	A	2.8	A	2.8	A	2.8	A
	EBR								
	WBL								
	WBT	6.9	A	7.1	A	7.2	A	7.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.2	D	50.2	D
	SBT								
	SBR	15.3	B	16.8	B	18	B	18	B
Intersection		5.9	A	6.2	A	6.4	A	6.4	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	11.1	B	11.3	B	11.3	B
	EBR								
	WBL								
	WBT	7.2	A	8.2	A	8.2	A	8.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37	D	37.5	D	37.8	D	37.8	D
Intersection		11.3	B	12	B	12.2	B	12.2	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.1	B	11.4	B	11.4	B
	EBR								
	WBL								
	WBT	6.3	A	6.5	A	6.6	A	6.6	A
	WBR	2.4	A	2.3	A	2.3	A	2.3	A
	NBL	63.9	E	65	E	65.9	E	65.9	E
	NBT	33.2	C	33	C	33.1	C	33.1	C
	NBR								
	SBL								
	SBT	53.5	D	53.6	D	53.6	D	53.6	D
Intersection		17.2	B	17.7	B	17.8	B	17.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	12.2	B	11.9	B	11.9	B	11.9	B
	EBT	19.5	B	19.2	B	18.9	B	18.9	B
	EBR								
	WBL	16	B	16.7	B	16.8	B	16.8	B
	WBT	18.8	B	19.8	B	20.1	C	20.1	C
	WBR	6.8	A	6.9	A	7	A	7	A
	NBL								
	NBT	53.2	D	52.8	D	52.8	D	52.8	D
	NBR								
	SBL	54.9	D	57.8	E	58.7	E	58.7	E
	SBT	31.6	C	31.8	C	32	C	32	C
Intersection		27.4	C	27.9	C	28	C	28	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.6	C	23.6	C	23.6	C
	EBT	38.6	D	42.4	D	42.9	D	42.9	D
	EBR								
	WBL	2	A	2	A	2	A	2	A
	WBT	2.5	A	2.6	A	2.6	A	2.6	A
	WBR								
	NBL								
	NBT	29.2	C	28.8	C	28.8	C	28.8	C
	NBR								
	SBL								
	SBT	41.4	D	41	D	40.8	D	40.8	D
	SBR	8.1	A	8.1	A	8.2	A	8.2	A
Intersection		20.6	C	22	C	22.2	C	22.2	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.5	A	0.5	A	0.5	A	0.5	A
	EBT	3.2	A	3.4	A	3.5	A	3.5	A
	EBR	0.1	A	0	A	0	A	0	A
	WBL	19.1	B	20.8	C	21.3	C	21.3	C
	WBT	16.4	B	17	B	17.1	B	17.1	B
	WBR								
	NBL								
	NBT	48.7	D	48.8	D	48.9	D	48.9	D
	NBR	8.2	A	8.3	A	8.2	A	8.2	A
	SBL								
	SBT	26.3	C	26.3	C	26.4	C	26.4	C
Intersection		14.2	B	14.7	B	14.8	B	14.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	52.7	D	54.9	D	55.2	E	55.2	E
	EBT								
	EBR								
	WBL	14.5	B	14.9	B	14.9	B	14.9	B
	WBT								
	WBR								
	NBL	13.4	B	13.1	B	13.2	B	13.2	B
	NBT	20.9	C	20.7	C	20.8	C	20.8	C
	NBR	7	A	6.5	A	6.5	A	6.5	A
	SBL								
	SBT								
Intersection		21	C	21.2	C	21.3	C	21.3	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL	17.4	B	17.3	B	17.4	B	17.4	B
	EBT								
	EBR								
	WBL	17.3	B	17.3	B	17.4	B	17.4	B
	WBT								
	WBR								
	NBL	17.5	B	17.5	B	17.5	B	17.5	B
	NBT								
	NBR								
	SBL	6.3	A	6.3	A	6.3	A	6.3	A
	SBT	6.2	A	6.3	A	6.3	A	6.3	A
	SBR	6.3	A	6.4	A	6.4	A	6.4	A
	NWL								
Intersection		8.9	A	8.9	A	8.9	A	8.9	A
Cherry Avenue & Brook Street	EBL	11.5	B	11.6	B	11.7	B	11.7	B
	EBT								
	EBR								
	WBL	12.5	B	12.6	B	12.6	B	12.6	B
	WBT								
	WBR								
	NBL	9.5	A	9.6	A	9.6	A	9.6	A
	NBT								
	NBR								
	SBL	13.2	B	13.4	B	13.4	B	13.4	B
	SBT								
Intersection		12.1	B	12.2	B	12.2	B	12.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.1	B	18.1	B	18.1	B	18.1	B
	WBT	18.9	B	18.9	B	18.9	B	18.9	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	18.7	B	18.8	B	18.9	B	18.9	B
	NBT	3.3	A	3.4	A	3.4	A	3.4	A
	NBR								
	SBL								
	SBT	19.1	B	19.1	B	19.1	B	19.1	B
	SBR	0.3	A	0.3	A	0.3	A	0.3	A
Intersection		14.3	B	14.4	B	14.4	B	14.4	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.7	C	20.8	C	20.7	C	20.7	C
	EBT	20.8	C	20.9	C	20.9	C	20.9	C
	EBR	0.9	A	0.9	A	0.9	A	0.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.6	B	15.7	B	15.7	B	15.7	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2	A	2	A	2	A	2	A
	SBT	1.7	A	1.7	A	1.7	A	1.7	A
Intersection		12.6	B	12.7	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.4	C	28.3	C	29.2	C	29.2	C
	WBT	27.7	C	27.6	C	27.8	C	27.8	C
	WBR	5.2	A	5.9	A	6.9	A	6.9	A
	NBL	54	D	54.5	D	57.3	E	57.3	E
	NBT	14.2	B	14.4	B	14.4	B	14.4	B
	NBR								
	SBL								
	SBT	29.7	C	30.4	C	31	C	31	C
	SBR	34.3	C	35.2	D	36.5	D	36.5	D
Intersection		26.7	C	27	C	27.9	C	27.9	C

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Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	26.9	C	27	C	27.6	C	27.6	C
	EBT	24.8	C	24.8	C	25.3	C	25.3	C
	EBR	3.9	A	3.9	A	5.4	A	5.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	27.5	C	27.7	C	27.9	C	27.9	C
	NBR	13.5	B	14.4	B	15.2	B	15.2	B
	SBL	41.5	D	41.6	D	41.4	D	41.4	D
	SBT	23.1	C	23.6	C	22.8	C	22.8	C
Intersection		23.4	C	23.7	C	23.8	C	23.8	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	21.2	C	21.4	C	21.4	C	21.4	C
	WBT	21.7	C	21.9	C	21.9	C	21.9	C
	WBR	20.1	C	20.2	C	20.2	C	20.2	C
	NBL	34.5	C	34.4	C	34.7	C	34.7	C
	NBT	11.7	B	11.6	B	11.6	B	11.6	B
	NBR								
	SBL								
	SBT	19	B	19.2	B	19.2	B	19.2	B
	SBR	22.3	C	22.5	C	22.6	C	22.6	C
Intersection		20.7	C	20.8	C	20.8	C	20.8	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.3	C	23.3	C	23.3	C	23.3	C
	EBT	21	C	21	C	21	C	21	C
	EBR	23.1	C	23.1	C	23.1	C	23.1	C
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	18.2	B	18.4	B	18.4	B	18.4	B
	NBR	22.7	C	23.3	C	23.3	C	23.3	C
	SBL	35.9	D	35.9	D	35.9	D	35.9	D
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
Intersection		19.7	B	19.9	B	19.9	B	19.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					29.3	C	29.3	C
	EBT					0.4	A	0.4	A
	EBR	32.5	C	32.5	C				
	WBL					26.3	C	26.3	C
	WBT	13.6	B	13.7	B	5.8	A	5.8	A
	WBR					3.3	A	3.3	A
	NBL	9.3	A	9.4	A	11.8	B	11.8	B
	NBT								
	NBR	2.5	A	2.5	A	3.5	A	3.5	A
	SBL	5.4	A	5.5	A	9.9	A	9.9	A
	SBT					1.7	A	1.7	A
Intersection		7.8	A	8	A	10.9	B	10.9	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	44	D	44.3	D	44.5	D	44.5	D
	EBT	40.1	D	40.2	D	40.2	D	40.2	D
	EBR								
	WBL	48.1	D	48.6	D	48.5	D	48.5	D
	WBT								
	WBR								
	NBL								
	NBT	20.8	C	21.2	C	21.9	C	21.9	C
	NBR	5	A	5.1	A	5.4	A	5.4	A
	SBL								
	SBT	22	C	22.6	C	23.2	C	23.2	C
Intersection		27.2	C	27.6	C	27.9	C	27.9	C
Lakeland Avenue & Manton Street	EBL	20.8	C	20.8	C	20.8	C	20.8	C
	EBT								
	EBR								
	WBL	14.4	B	14.5	B	14.3	B	14.3	B
	WBT								
	WBR								
	NBL	8.2	A	8.4	A	8.6	A	8.6	A
	NBT								
	NBR								
	SBL	10.2	B	10.5	B	11.1	B	11.1	B
	SBT								
Intersection		10.3	B	10.6	B	10.9	B	10.9	B

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Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.4	A	1.4	A
	EBT	1.9	A	1.9	A	1.9	A	1.9	A
	EBR								
	WBL								
	WBT	5	A	5.1	A	5.1	A	5.1	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.5	D	50.5	D	50.5	D	50.5	D
	SBT								
	SBR	16	B	16.1	B	16.1	B	16.1	B
Intersection		5.1	A	5.2	A	5.2	A	5.2	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.8	A	7	A	7.2	A	7.2	A
	EBR								
	WBL								
	WBT	5.5	A	5.9	A	6.1	A	6.1	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	36.5	D	36.9	D	37	D	37	D
Intersection		8.9	A	9.2	A	9.4	A	9.4	A
Greene Avenue & Montauk Highway	EBL								
	EBT	7.3	A	7.4	A	7.5	A	7.5	A
	EBR								
	WBL								
	WBT	6	A	6.7	A	6.9	A	6.9	A
	WBR	2.8	A	2.8	A	2.9	A	2.9	A
	NBL	49.2	D	49.7	D	50.1	D	50.1	D
	NBT	34.2	C	33.9	C	34	C	34	C
	NBR								
	SBL								
	SBT	52.6	D	52.6	D	52.6	D	52.6	D
Intersection		15.4	B	15.8	B	15.8	B	15.8	B

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Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	14.5	B	14.4	B	14.6	B	15.1	B
	EBT	18.1	B	18.1	B	18.1	B	18.7	B
	EBR								
	WBL	15.5	B	15.8	B	15.7	B	16.2	B
	WBT	19.2	B	19.7	B	19.9	B	20.7	C
	WBR	5.4	A	5.5	A	5.7	A	6	A
	NBL								
	NBT	50.6	D	50.7	D	50.9	D	50.9	D
	NBR								
	SBL	78.5	E	85.7	F	89.8	F	79.6	E
	SBT	29.6	C	29.9	C	30.4	C	29.5	C
Intersection		30.6	C	31.9	C	32.7	C	31.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	24.3	C	24.6	C	24.6	C	24.8	C
	EBT	32.5	C	33	C	33.3	C	33.3	C
	EBR								
	WBL	2	A	2.1	A	2.3	A	2.3	A
	WBT	3.3	A	3.4	A	3.6	A	3.6	A
	WBR								
	NBL								
	NBT	24.5	C	24.4	C	24.5	C	24.5	C
	NBR								
	SBL								
	SBT	41.4	D	41.5	D	41.5	D	41.5	D
	SBR	2.6	A	2.9	A	2.9	A	2.9	A
Intersection		16	B	16.3	B	16.5	B	16.5	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1	A	1	A	1	A	1	A
	EBT	2.5	A	2.5	A	2.5	A	2.5	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	18.8	B	19.6	B	19.8	B	19.8	B
	WBT	20.8	C	21.3	C	21.3	C	21.3	C
	WBR								
	NBL								
	NBT	43.2	D	43.5	D	43.5	D	43.5	D
	NBR	7.1	A	7.1	A	7.1	A	7.1	A
	SBL								
	SBT	22.1	C	21.9	C	22.2	C	22.2	C
Intersection		15.6	B	15.8	B	15.8	B	15.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	53.2	D	53.5	D	53.7	D	53.7	D
	EBR								
	WBL								
	WBT	26.6	C	26.4	C	26.3	C	26.3	C
	WBR								
	NBL	11.4	B	11.5	B	11.6	B	11.6	B
	NBT	17.9	B	18.2	B	18.3	B	18.3	B
	NBR								
	SBL	6.2	A	6.2	A	6.2	A	6.2	A
	SBT	13.5	B	14.1	B	14.5	B	14.5	B
Intersection		19.1	B	19.5	B	19.8	B	19.8	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	14.5	B	14.4	B	14.4	B	14.5	B
	EBR								
	WBL								
	WBT	14.5	B	14.5	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	19.1	B	19.1	B	19.1	B	19.1	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	6.2	A	6.2	A	6.2	A	6.2	A
	SBR								
	NWL	6.1	A	6.1	A	6.1	A	6.1	A
Intersection		7.5	A	7.5	A	7.5	A	7.5	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.5	B	10.6	B	10.7	B	10.7	B
	EBR								
	WBL								
	WBT	10.2	B	10.3	B	10.2	B	10.2	B
	WBR								
	NBL								
	NBT	9.3	A	9.3	A	9.3	A	9.3	A
	NBR								
	SBL								
	SBT	10.7	B	10.7	B	10.8	B	10.8	B
Intersection		10.3	B	10.3	B	10.4	B	10.4	B

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Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.6	C	23.8	C	33.6	D	33.2	D
	NB	9.1	A	9.2	A	9.4	A	9.4	A
Lakeland Avenue & Chester Road	EB	37.0	E	41.2	E	48.7	E	48.7	E
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.2	C	16.9	C	16.9	C
	WB	18.3	C	19.4	C	20.3	C	20.3	C
	NB	0.8	A	0.8	A	0.8	A	0.8	A
	SB	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue & Depot Street	EB	13.9	B	14.3	B	15.0	B	15	B
	NB	8.5	A	8.6	A	8.6	A	8.6	A
Railroad Avenue & Hiddink Street	WB	12.4	B	12.6	B	12.8	B	12.8	B
	NB	0.0		0.0		0.0		0	
	SB	3.1	A	3.1	A	3.2	A	3.2	A
Railroad Avenue & Center Street	EB	12.7	B	13.0	B	13.1	B	13.1	B
	NB	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.1	A	2.2	A	2.3	A	2.3	A
	WB	0.0	A	0.0	A	0.0	A	0	A
	NB	10.6	B	10.7	B	10.7	B	10.7	B
	SB	20.3	C	21.9	C	22.1	C	22.1	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.5	A	9.6	A	9.6	A	9.6	A
Bohemia Pkwy. & Terry Road	EB	0.3	A	0.3	A	0.3	A	0.3	A
	WB	0.0		0.0		0.0		0	
	NB	11.3	B	11.4	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	NB	10.5	B	10.6	B	10.6	B	10.6	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.0	A	8	A
	WB	8.2	A	8.2	A	8.3	A	8.3	A
	SB	7.2	A	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.6	A	9.7	A	9.7	A	9.7	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.2	A	8.3	A	8.3	A
	WB	10.6	B	10.8	B	10.9	B	10.9	B
	NB	9.5	A	9.6	A	9.7	A	9.7	A
Tariff Street/Terry Road & Chester Road	EB	2.1	A	2.1	A	2.1	A	2.1	A
	WB	0.0		0.0		0.0		0	
	SB	10.1	B	10.1	B	10.2	B	10.2	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	8.9	A	9.0	A	9.2	A	9.2	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9	A
	NB	0.0		0.0		0.0		0	
	SB	2.4	A	2.4	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	0.0		0.0		0.0		0	
	SB	1.0	A	1.0	A	1.0	A	1	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB	8.4	A	8.5	A	8.5	A	8.5	A
	WB	8.6	A	8.7	A	8.7	A	8.7	A
	NB	8.7	A	8.8	A	8.8	A	8.8	A
	SB	8.9	A	9.0	A	9.0	A	9	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		3.4	A	3.4	A
	NB	0.0	A	0.0	A	9.0	A	9	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	10.6	B	10.6	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.5	C	23.6	C	29.6	D	29.6	D
	NB	10.3	B	10.5	B	11.3	B	11.3	B
Lakeland Avenue & Chester Road	EB	83.0	F	105.2	F	231.5	F	231.5	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	23.1	C	25.0	C	26.4	D	26.4	D
	WB	24.6	C	28.0	D	30.4	D	30.4	D
	NB	0.2	A	0.2	A	0.2	A	0.2	A
	SB	0.5	A	0.5	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	25.6	D	28.1	D	31.3	D	31.3	D
	NB	3.8	A	4.0	A	4.0	A	4	A
Railroad Avenue & Hiddink Street	WB	26.3	D	30.3	D	31.6	D	31.6	D
	NB	0.0		0.0		0.0		0	
	SB	4.2	A	4.3	A	4.4	A	4.4	A
Railroad Avenue & Center Street	EB	28.9	D	32.2	D	32.6	D	32.6	D
	NB	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.3	A	2.6	A	2.6	A	2.6	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	62.1	F	84.0	F	86.2	F	86.2	F
	SB	19.2	C	20.7	C	20.9	C	20.9	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.2	A	9.2	A	9.2	A	9.2	A
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.1	A	0.0	A	0.0	A	0	A
	NB	11.8	B	11.9	B	12.0	B	12	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0	A	0.0	A	0.0	A	0	A
	NB	11.2	B	11.3	B	11.3	B	11.3	B
Terry Road & Sterling Place	EB	8.8	A	8.8	A	8.9	A	8.9	A
	WB	8.2	A	8.3	A	8.3	A	8.3	A
	SB	7.4	A	7.4	A	7.4	A	7.4	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0	A
	WB	0.0		0.0		0.0		0	
	SB	9.9	A	9.9	A	10.0	A	10	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.8	A	10.0	A	9.3	A	9.3	A
	WB	12.3	B	12.6	B	11.6	B	11.6	B
	NB	11.1	B	11.4	B	9.2	A	9.2	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0	
	SB	11.2	B	11.4	B	11.4	B	11.4	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	10.0	A	10.0	B	10.2	B	10.2	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.2	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0	
	SB	2.4	A	2.3	A	2.4	A	2.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0	
	SB	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB	12.0	B	12.4	B	12.5	B	12.5	B
	WB	10.1	B	10.3	B	10.3	B	10.3	B
	NB	11.3	B	11.6	B	11.7	B	11.7	B
	SB	12.9	B	13.4	B	13.5	B	13.5	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		3.9	A	3.9	A
	NB	0.0	A	0.0	A	9.8	A	9.8	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	11.1	B	11.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	23.7	C	25.0	D	31.7	D	31.8	D
	NB	9.6	A	9.8	A	10.2	B	10.2	B
Lakeland Avenue & Chester Road	EB	63.3	F	78.0	F	66.3	F	66.3	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	18.1	C	19.1	C	20.6	C	20.6	C
	WB	27.1	D	30.2	D	34.8	D	34.8	D
	NB	0.3	A	0.3	A	0.3	A	0.3	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	28.3	D	32.2	D	39.3	E	39.3	E
	NB	3.6	A	3.7	A	3.8	A	3.8	A
Railroad Avenue & Hiddink Street	WB	30.8	D	36.1	E	43.0	E	43	E
	NB	0.0		0.0		0.0		0	
	SB	3.4	A	3.5	A	3.8	A	3.8	A
Railroad Avenue & Center Street	EB	23.0	C	24.9	C	26.0	D	26	D
	NB	1.6	A	1.6	A	1.6	A	1.6	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.7	A	1.9	A	1.9	A	1.9	A
	WB	0.3	A	0.4	A	0.4	A	0.4	A
	NB	52.5	F	66.4	F	73.6	F	73.6	F
	SB	16.8	C	17.7	C	18.1	C	18.1	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	10.9	B	11.0	B	11.0	B	11	B
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0	
	NB	12.1	B	12.2	B	12.2	B	12.2	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	NB	10.6	B	10.7	B	10.8	B	10.8	B
Terry Road & Sterling Place	EB	8.6	A	8.7	A	8.7	A	8.7	A
	WB	8.3	A	8.3	A	8.4	A	8.4	A
	SB	7.3	A	7.3	A	7.4	A	7.4	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0	
	SB	10.1	B	10.2	B	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.7	A	9.9	A	10.0	B	10	B
	WB	10.3	B	10.5	B	10.8	B	10.8	B
	NB	11.0	B	11.2	B	11.7	B	11.7	B
Tariff Street/Terry Road & Chester Road	EB	1.8	A	1.8	A	1.7	A	1.7	A
	WB	0.0		0.0		0.0		0	
	SB	10.3	B	10.3	B	10.4	B	10.4	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	9.6	A	9.7	A	9.8	A	9.8	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9	A
	NB	0.0		0.0		0.0		0	
	SB	0.7	A	0.7	A	0.7	A	0.7	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0	
	SB	0.9	A	0.9	A	0.9	A	0.9	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	5.0	A	5.0	A	5.0	A	5	A
Lincoln Avenue & Hiddink Street	EB	9.9	A	10.1	B	10.2	B	10.2	B
	WB	9.4	A	9.6	A	9.7	A	9.7	A
	NB	10.6	B	10.8	B	11.0	B	11	B
	SB	10.4	B	10.6	B	10.7	B	10.7	B
Site Access & 11th Street	EB	7.0	A	7.0	A	7.1	A	7.1	A
	WB	7.1	A	7.1	A	7.5	A	7.5	A
	NB	7.0	A	7.0	A	7.5	A	7.5	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	11.5	B	11.5	B

Level of Service Table: Phase 3 Summer

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.1	B	17.1	B	17.1	B	17.1	B
	WBT	18.6	B	18.6	B	18.6	B	18.6	B
	WBR	0.2	A	0.2	A	0.2	A	0.2	A
	NBL	17.5	B	17.8	B	17.8	B	17.8	B
	NBT	6.9	A	7.1	A	7.1	A	7.1	A
	NBR								
	SBL								
	SBT	18.8	B	18.9	B	18.9	B	18.9	B
	SBR	0.2	A	0.2	A	0.2	A	0.2	A
Intersection		14.4	B	14.4	B	14.4	B	14.4	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.4	C	20.5	C	20.5	C	20.5	C
	EBT	21.2	C	21.2	C	21.2	C	21.2	C
	EBR	0.4	A	0.4	A	0.4	A	0.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14.8	B	14.9	B	14.9	B	14.9	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	8	A	8	A	8.1	A	8.1	A
	SBT	7.7	A	7.7	A	7.8	A	7.8	A
Intersection		13.5	B	13.5	B	13.6	B	13.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.8	C	23.8	C	24.3	C	23.6	C
	WBT	25.3	C	25.3	C	25.4	C	24.8	C
	WBR	28.6	C	29.7	C	30	C	28.8	C
	NBL	53.5	D	54	D	59.2	E	55.2	E
	NBT	13.8	B	14.4	B	16.7	B	16.6	B
	NBR								
	SBL								
	SBT	30.5	C	31.3	C	33	C	34.6	C
	SBR	34.5	C	36.2	D	38.1	D	40.7	D
Intersection		26	C	26.6	C	28.6	C	28.3	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis

Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	34	C	35.5	D	41.4	D	39.4	D
	EBT	28.1	C	29.1	C	33.1	C	31.7	C
	EBR	6.1	A	6.5	A	7.3	A	6.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.4	C	33.8	C	35.1	D	37.8	D
	NBR	15.6	B	16	B	15.8	B	17	B
	SBL	42.9	D	43.1	D	43.1	D	39.9	D
	SBT	13.5	B	13.3	B	13.1	B	12.8	B
Intersection		26.2	C	26.8	C	29	C	28.7	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.2	C	23.2	C	23.2	C
	WBT	25	C	25	C	25	C	25	C
	WBR	37.1	D	38	D	38	D	38	D
	NBL	35.9	D	35.3	D	35.3	D	35.3	D
	NBT	19.8	B	19.7	B	19.7	B	19.7	B
	NBR								
	SBL								
	SBT	17.1	B	18.1	B	18.1	B	18.1	B
	SBR	19.4	B	20.8	C	20.8	C	20.8	C
Intersection		25.3	C	25.6	C	25.6	C	25.6	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	31.9	C	32.3	C	32.3	C	32.3	C
	EBT	19.7	B	19.7	B	19.7	B	19.7	B
	EBR	19.9	B	19.8	B	19.8	B	19.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	20.5	C	20.7	C	20.7	C	20.7	C
	NBR	23.3	C	23.6	C	23.6	C	23.6	C
	SBL	42.5	D	42.6	D	42.6	D	42.6	D
	SBT	12.6	B	12.8	B	12.8	B	12.8	B
Intersection		25	C	25.2	C	25.2	C	25.2	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					34.3	C	34.3	C
	EBR					0.4	A	0.4	A
	WBL	30.7	C	30.7	C				
	WBT					23.1	C	23.1	C
	WBR	13.9	B	13.9	B	5.2	A	5.2	A
	NBL					4.8	A	4.8	A
	NBT	8.8	A	10.1	B	20	B	20	B
	NBR								
	SBL	2.3	A	2.5	A	5.2	A	5.2	A
	SBT	4.4	A	5.3	A	14.8	B	14.8	B
	SBR					0.6	A	0.6	A
Intersection		7.1	A	8.1	A	17.5	B	17.5	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.6	D	46.9	D	47.1	D	47.1	D
	EBT	38.9	D	38.9	D	39	D	39	D
	EBR								
	WBL								
	WBT	59.7	E	61.3	E	61.9	E	61.9	E
	WBR								
	NBL								
	NBT	20.2	C	20.8	C	21	C	21	C
	NBR	3.5	A	3.5	A	3.5	A	3.5	A
	SBL								
	SBT	22.3	C	23.2	C	24	C	24	C
Intersection		31.8	C	32.5	C	32.8	C	32.8	C
Lakeland Avenue & Manton Street	EBL								
	EBT	21.7	C	21.7	C	21.7	C	21.7	C
	EBR								
	WBL								
	WBT	14.5	B	14.4	B	14.7	B	14.7	B
	WBR								
	NBL								
	NBT	5.9	A	6	A	6	A	6	A
	NBR								
	SBL								
	SBT	6.8	A	7	A	7.2	A	7.2	A
Intersection		8.1	A	8.2	A	8.3	A	8.3	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.3	A	1.3	A	1.3	A	1.3	A
	EBT	1.2	A	1.3	A	1.3	A	1.3	A
	EBR								
	WBL								
	WBT	5.5	A	5.6	A	5.7	A	5.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	33.1	C	33.2	C	33.1	C	33.1	C
	SBT								
	SBR	12.9	B	12.9	B	12.9	B	12.9	B
Intersection		4.8	A	4.9	A	4.9	A	4.9	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	4	A	4.1	A	4.2	A	4.2	A
	EBR								
	WBL								
	WBT	4.5	A	4.6	A	4.7	A	4.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23	C	23.1	C	22.8	C	22.8	C
Intersection		6	A	6.1	A	6.1	A	6.1	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.8	A	5.8	A	5.8	A
	EBR								
	WBL								
	WBT	6.7	A	6.8	A	6.8	A	6.8	A
	WBR	5.2	A	5.1	A	5	A	5	A
	NBL	36	D	36.1	D	36.6	D	36.6	D
	NBT	28.9	C	28.9	C	28.9	C	28.9	C
	NBR								
	SBL								
	SBT	38.8	D	39	D	39	D	39	D
Intersection		12.1	B	12.2	B	12.2	B	12.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	10.2	B	10.6	B	10.8	B	10.8	B
	EBT	10.3	B	10.8	B	10.9	B	10.9	B
	EBR								
	WBL	11.1	B	11.1	B	11.1	B	11.1	B
	WBT	12.6	B	12.9	B	13	B	13	B
	WBR	2.9	A	3.1	A	3.1	A	3.1	A
	NBL								
	NBT	41.9	D	41.9	D	42.1	D	42.1	D
	NBR								
	SBL	32.2	C	33.2	C	33.3	C	33.3	C
	SBT	26.9	C	27.2	C	27.5	C	27.5	C
Intersection		17.5	B	17.8	B	18	B	18	B
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	21.5	C	21.1	C	21	C	21	C
	EBT	25.4	C	25.1	C	25.1	C	25.1	C
	EBR								
	WBL	0.9	A	1.1	A	1.3	A	1.3	A
	WBT	2.2	A	2.5	A	2.5	A	2.5	A
	WBR								
	NBL								
	NBT	19.3	B	18.6	B	19.3	B	19.3	B
	NBR								
	SBL								
	SBT	28.9	C	28.9	C	28.9	C	28.9	C
	SBR	0.5	A	0.5	A	0.5	A	0.5	A
Intersection		10.9	B	11	B	11	B	11	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.3	A	0.3	A	0.3	A	0.3	A
	EBT	1.6	A	1.6	A	1.6	A	1.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	12.9	B	12	B	11.9	B	11.9	B
	WBT	22.6	C	21.9	C	21.7	C	21.7	C
	WBR								
	NBL								
	NBT	47.3	D	49	D	48.9	D	48.9	D
	NBR	2.7	A	2.9	A	2.9	A	2.9	A
	SBL								
	SBT	19.5	B	19.8	B	19.7	B	19.7	B
Intersection		17.4	B	17.3	B	17.2	B	17.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	44.2	D	44.3	D	44.2	D	44.2	D
	EBR								
	WBL								
	WBT	16.6	B	16.9	B	16.2	B	16.2	B
	WBR								
	NBL	5.1	A	5.4	A	5.5	A	5.5	A
	NBT	6	A	6.5	A	6.6	A	6.6	A
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	11.9	B	12.6	B	12.8	B	12.8	B
Intersection		14	B	14.5	B	14.7	B	14.7	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16	B	15.9	B	15.9	B	16	B
	EBR								
	WBL								
	WBT	16.2	B	16.2	B	16.1	B	16.2	B
	WBR								
	NBL								
	NBT	20.1	C	19.9	B	20	B	20	B
	NBR								
	SBL	7.6	A	7.7	A	7.7	A	7.7	A
	SBT	7.9	A	7.9	A	7.9	A	7.9	A
	SBR								
	NWL	7.6	A	7.6	A	7.6	A	7.6	A
Intersection		10.6	B	10.7	B	10.6	B	10.6	B
Cherry Avenue & Brook Street	EBL								
	EBT	9.6	A	9.6	A	9.6	A	9.6	A
	EBR								
	WBL								
	WBT	9.1	A	9.1	A	9.1	A	9.1	A
	WBR								
	NBL								
	NBT	8.5	A	8.5	A	8.5	A	8.5	A
	NBR								
	SBL								
	SBT	9.2	A	9.3	A	9.4	A	9.4	A
Intersection		9.2	A	9.2	A	9.3	A	9.3	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.6	B	17.6	B	17.6	B
	WBT	39.8	D	44.7	D	44.7	D	44.7	D
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	16.1	B	16.2	B	16.2	B	16.2	B
	NBT	3.2	A	3.3	A	3.3	A	3.3	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		28.8	C	31.9	C	32	C	32	C
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.4	B	19.5	B	19.5	B	19.5	B
	EBT	21.9	C	22.1	C	22.1	C	22.1	C
	EBR	0.6	A	0.7	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	16.3	B	16.3	B	16.3	B	16.3	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.3	A	3.3	A	3.3	A
	SBT	2.3	A	2.5	A	2.5	A	2.5	A
Intersection		13.6	B	13.7	B	13.7	B	13.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.4	C	29.8	C	29.8	C
	WBT	47.1	D	52.6	D	43.2	D	43.2	D
	WBR	5.2	A	6.3	A	7.9	A	7.9	A
	NBL	49.6	D	49.7	D	53.2	D	74.2	E
	NBT	15	B	15	B	14.7	B	14.7	B
	NBR								
	SBL								
	SBT	67.8	E	77.6	E	99.9	F	76.6	E
	SBR	90.3	F	100.9	F	123.6	F	100.1	F
Intersection		48.7	D	54.1	D	60.5	E	53.1	D

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.9	C	26	C	27.9	C	27.9	C
	EBT	23.4	C	23.4	C	24.7	C	24.7	C
	EBR	7.3	A	8.2	A	15	B	15	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	34.5	C	35.5	D	34.8	C	34.8	C
	NBR	17.6	B	18.5	B	17.5	B	17.5	B
	SBL	44.5	D	45.2	D	47	D	48.8	D
	SBT	31.8	C	31.9	C	29.9	C	28.3	C
Intersection		28.4	C	28.8	C	29.3	C	29.2	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	19.1	B	19.2	B	19.2	B	19.2	B
	WBT	21.9	C	22.1	C	22.1	C	22.1	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	25.9	C	25.9	C	25.9	C	25.9	C
	NBT	13.8	B	13.7	B	13.7	B	13.7	B
	NBR								
	SBL								
	SBT	18.3	B	18.5	B	18.5	B	18.5	B
	SBR	68.8	E	78.1	E	78.1	E	78.1	E
Intersection		33.4	C	36.1	D	36.1	D	36.1	D
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.2	C	23.4	C	23.4	C	23.4	C
	EBT	20.5	C	20.6	C	20.6	C	20.6	C
	EBR	18.2	B	18.2	B	18.2	B	18.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	23.1	C	23.3	C	23.3	C	23.3	C
	NBR	28.2	C	29.2	C	29.2	C	29.2	C
	SBL	47.4	D	47.5	D	47.6	D	47.6	D
	SBT	6.2	A	6.2	A	6.2	A	6.2	A
Intersection		25.3	C	25.5	C	25.5	C	25.5	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					31.9	C	31.9	C
	EBR					0.3	A	0.3	A
	WBL	33.4	C	33.4	C				
	WBT					26.7	C	26.7	C
	WBR	14	B	14	B	6.1	A	6.1	A
	NBL					4	A	4	A
	NBT	9.8	A	10.2	B	13.6	B	13.6	B
	NBR								
	SBL	2.7	A	2.8	A	4.4	A	4.4	A
	SBT	6.4	A	6.7	A	17.5	B	17.5	B
	SBR					3.7	A	3.7	A
Intersection		8.4	A	8.7	A	15	B	15	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.2	D	43.5	D	43.5	D	43.7	D
	EBT	41.8	D	42	D	41.5	D	41.6	D
	EBR								
	WBL								
	WBT	47.1	D	47.5	D	47.7	D	47.4	D
	WBR								
	NBL								
	NBT	18.4	B	19.1	B	19.9	B	20	B
	NBR	4.3	A	4.6	A	4.9	A	5	A
	SBL								
	SBT	21.7	C	22.7	C	23.6	C	23.7	C
Intersection		26	C	26.6	C	27.1	C	27.2	C
Lakeland Avenue & Manton Street	EBL								
	EBT	20.9	C	20.9	C	20.9	C	20.9	C
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	8.4	A	8.6	A	8.9	A	8.9	A
	NBR								
	SBL								
	SBT	9.2	A	9.5	A	9.8	A	9.8	A
Intersection		10.2	B	10.5	B	10.7	B	10.7	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.8	A	3	A	3	A
	EBT	3.5	A	3.6	A	3.7	A	3.7	A
	EBR								
	WBL								
	WBT	7.5	A	7.8	A	7.9	A	7.9	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52	D	52	D	52	D
	SBT								
	SBR	12.6	B	12.5	B	12.4	B	12.4	B
Intersection		6.3	A	6.5	A	6.6	A	6.6	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.3	B	11	B	11.3	B	11.3	B
	EBR								
	WBL								
	WBT	5.1	A	5.4	A	5.6	A	5.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	38.7	D	38.9	D	39	D	39	D
Intersection		10.6	B	11.1	B	11.3	B	11.3	B
Greene Avenue & Montauk Highway	EBL								
	EBT	8.4	A	8.9	A	9	A	9	A
	EBR								
	WBL								
	WBT	5.9	A	6	A	5.9	A	5.9	A
	WBR	2.4	A	2.3	A	2.2	A	2.2	A
	NBL	51.9	D	53	D	53.6	D	53.6	D
	NBT	36.2	D	36.2	D	36.3	D	36.3	D
	NBR								
	SBL								
	SBT	50.2	D	50.5	D	50.5	D	50.5	D
Intersection		13.8	B	14.1	B	14.2	B	14.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	11.3	B	11.2	B	11.2	B	11.2	B
	EBT	16.7	B	17	B	16.8	B	16.8	B
	EBR								
	WBL	12.4	B	13	B	13	B	13	B
	WBT	16.9	B	17.6	B	17.9	B	17.9	B
	WBR	4.8	A	5	A	5.1	A	5.1	A
	NBL								
	NBT	50.5	D	50.9	D	50.9	D	50.9	D
	NBR								
	SBL	63.2	E	76.4	E	77	E	77	E
	SBT	31.7	C	32.7	C	33	C	33	C
Intersection		25.8	C	27.9	C	28.1	C	28.1	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	26.2	C	26.3	C	26.3	C
	EBT	53.6	D	58.3	E	59.5	E	59.5	E
	EBR								
	WBL	1.8	A	1.8	A	1.8	A	1.8	A
	WBT	2.5	A	2.6	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	25.1	C	25.2	C	25	C	25	C
	NBR								
	SBL								
	SBT	42.1	D	42.3	D	42.4	D	42.4	D
	SBR	3.1	A	3.4	A	3.4	A	3.4	A
Intersection		25.6	C	27.4	C	27.9	C	27.9	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.6	A	0.6	A	0.6	A	0.6	A
	EBT	3.2	A	3.3	A	3.4	A	3.4	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	22.8	C	26.7	C	26.9	C	26.9	C
	WBT	20.3	C	21.6	C	21.7	C	21.7	C
	WBR								
	NBL								
	NBT	54	D	57.8	E	57.1	E	57.1	E
	NBR	6.7	A	6.7	A	6.7	A	6.7	A
	SBL								
	SBT	26.6	C	27.1	C	27	C	27	C
Intersection		17.7	B	18.9	B	18.8	B	18.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	52.7	D	52.8	D	52.8	D
	EBR								
	WBL								
	WBT	2.8	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL	11.3	B	11.8	B	12	B	12	B
	NBT	17.1	B	17.9	B	18	B	18	B
	NBR								
	SBL	6.7	A	6.9	A	6.9	A	6.9	A
	SBT	11.2	B	11.8	B	12	B	12	B
Intersection		18.4	B	19	B	19.1	B	19.1	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.5	B	16.5	B	16.5	B	16.5	B
	EBR								
	WBL								
	WBT	16.9	B	16.8	B	16.9	B	16.9	B
	WBR								
	NBL								
	NBT	16.9	B	16.9	B	16.9	B	16.9	B
	NBR								
	SBL	4.2	A	4.2	A	4.2	A	4.2	A
	SBT	4.2	A	4.2	A	4.2	A	4.2	A
	SBR								
	NWL	4.2	A	4.2	A	4.2	A	4.2	A
Intersection		6.1	A	6	A	6	A	6	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.8	B	11.7	B	11.7	B
	EBR								
	WBL								
	WBT	10.1	B	10.1	B	10.6	B	10.6	B
	WBR								
	NBL								
	NBT	9.1	A	9.2	A	9.3	A	9.3	A
	NBR								
	SBL								
	SBT	11.1	B	11.2	B	12.3	B	12.3	B
Intersection		10.5	B	10.6	B	11.4	B	11.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.4	B	18.5	B	18.5	B	18.5	B
	WBT	51.8	D	59.5	E	59.8	E	59.8	E
	WBR	0.4	A	0.4	A	0.4	A	0.4	A
	NBL	17.8	B	17.8	B	17.8	B	17.8	B
	NBT	5	A	5	A	5	A	5	A
	NBR								
	SBL								
	SBT	20.2	C	20.2	C	20.2	C	20.2	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		35.7	D	40.5	D	40.6	D	40.6	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.2	C	20.3	C	20.3	C	20.3	C
	EBT	21.5	C	21.7	C	21.7	C	21.7	C
	EBR	0.6	A	0.6	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.4	B	17.6	B	17.5	B	17.5	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.1	A	3.2	A	3.2	A	3.2	A
	SBT	3	A	3	A	3	A	3	A
Intersection		12.9	B	13	B	13	B	13	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	30.6	C	31.2	C	33.3	C	33.3	C
	WBT	134	F	149	F	149	F	149	F
	WBR	14.3	B	15.9	B	17.8	B	17.8	B
	NBL	46.9	D	46.8	D	49	D	74.3	E
	NBT	15.4	B	15.4	B	15.1	B	15.1	B
	NBR								
	SBL								
	SBT	65.8	E	76	E	104.5	F	73	E
	SBR	84.7	F	95.1	F	116.8	F	87.6	F
Intersection		74.1	E	82.3	F	90.3	F	81.2	F

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25	C	25.1	C	26.9	C	26.9	C
	EBT	23.2	C	23.2	C	24.6	C	24.6	C
	EBR	6	A	7	A	13.3	B	13.3	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	32.3	C	33	C	33	C	33	C
	NBR	18	B	18.6	B	18.3	B	18.3	B
	SBL	44.5	D	44.9	D	40.9	D	46.8	D
	SBT	31.3	C	31.5	C	29.2	C	27.3	C
Intersection		27	C	27.4	C	27.4	C	27.6	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.5	C	20.6	C	19.2	B	19.2	B
	WBT	23.6	C	24	C	24	C	24	C
	WBR	19.9	B	20	C	22	C	22	C
	NBL	27.9	C	27.7	C	27.7	C	27.7	C
	NBT	13.6	B	13.6	B	13.6	B	13.6	B
	NBR								
	SBL								
	SBT	18.7	B	18.9	B	18.9	B	18.9	B
	SBR	38.3	D	41.1	D	41.1	D	41.1	D
Intersection		24.2	C	25	C	25.1	C	25.1	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.1	C	23.2	C	23.2	C	23.2	C
	EBT	21	C	21	C	21	C	21	C
	EBR	18	B	17.9	B	17.9	B	17.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.5	C	22.7	C	22.7	C	22.7	C
	NBR	26.6	C	27.5	C	27.5	C	27.5	C
	SBL	44.1	D	44.3	D	46.3	D	46.3	D
	SBT	6.7	A	6.7	A	6.1	A	6.1	A
Intersection		24.6	C	24.8	C	25.1	C	25.1	C

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Phase 3 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					31.9	C	31.9	C
	EBT					0.3	A	0.3	A
	EBR	31.6	C	31.6	C				
	WBL					25.3	C	25.3	C
	WBT	13.8	B	13.7	B	4.4	A	4.4	A
	WBR					4.1	A	4.1	A
	NBL	7.8	A	8	A	13	B	13	B
	NBT								
	NBR	2.3	A	2.3	A	4.2	A	4.2	A
	SBL	5.7	A	6	A	19.4	B	19.4	B
	SBT					3.7	A	3.7	A
Intersection		7	A	7.2	A	15.8	B	15.8	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.1	D	45.7	D	46	D	46.1	D
	EBT	40	D	40.4	D	40.3	D	40.4	D
	EBR								
	WBL								
	WBT	51.6	D	53.1	D	53.5	D	53	D
	WBR								
	NBL								
	NBT	18.9	B	19.6	B	20.2	C	20.4	C
	NBR	3.4	A	3.4	A	3.9	A	3.9	A
	SBL								
	SBT	28.1	C	29.9	C	31.4	C	31.6	C
Intersection		30.2	C	31.4	C	32.2	C	32.3	C
Lakeland Avenue & Manton Street	EBL	21.7	C	21.8	C	21.8	C	21.8	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	7.7	A	8	A	8.1	A	8.1	A
	NBR								
	SBL								
	SBT	11.2	B	11.9	B	12.3	B	12.3	B
Intersection		11.2	B	11.7	B	11.9	B	11.9	B

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		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.5	A	2.6	A	2.7	A	2.7	A
	EBT	3.7	A	3.8	A	3.9	A	3.9	A
	EBR								
	WBL								
	WBT	7.2	A	7.4	A	7.5	A	7.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	53.4	D	53.4	D	53.7	D	53.7	D
	SBT								
	SBR	12.2	B	12.1	B	12	B	12	B
Intersection		6.8	A	7	A	7	A	7	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	9	A	9.4	A	9.7	A	9.7	A
	EBR								
	WBL								
	WBT	5.3	A	5.2	A	5.2	A	5.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	31	C	31.6	C	31.7	C	31.7	C
Intersection		8.9	A	9.1	A	9.2	A	9.2	A
Greene Avenue & Montauk Highway	EBL								
	EBT	9	A	8.8	A	8.9	A	8.9	A
	EBR								
	WBL								
	WBT	5.3	A	6.4	A	6.4	A	6.4	A
	WBR	2.2	A	2.6	A	2.5	A	2.5	A
	NBL	63.4	E	64.5	E	64.5	E	64.5	E
	NBT	34.5	C	34.3	C	34.3	C	34.3	C
	NBR								
	SBL								
	SBT	52.4	D	52.7	D	52.8	D	52.8	D
Intersection		16.4	B	16.7	B	16.7	B	16.7	B

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		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.9	B	13.6	B	13.7	B	13.7	B
	EBT	20.4	C	20.4	C	20.3	C	20.3	C
	EBR								
	WBL	15.6	B	15.7	B	15.8	B	15.8	B
	WBT	20	C	20.7	C	21	C	21	C
	WBR	5.3	A	5.5	A	5.6	A	5.6	A
	NBL								
	NBT	52.9	D	52.9	D	53.1	D	53.1	D
	NBR								
	SBL	73	E	88	F	90.1	F	90.1	F
	SBT	31.2	C	31.9	C	32.2	C	32.2	C
Intersection		30.3	C	32.7	C	33	C	33	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	27.1	C	27.2	C	27.2	C
	EBT	56.8	E	67.6	E	68.5	E	68.5	E
	EBR								
	WBL	2	A	2.3	A	2.3	A	2.3	A
	WBT	2.8	A	3.1	A	3.1	A	3.1	A
	WBR								
	NBL								
	NBT	20.5	C	20.2	C	20.3	C	20.3	C
	NBR								
	SBL								
	SBT	42.2	D	42.3	D	42.2	D	42.2	D
	SBR	4.8	A	5.3	A	5.3	A	5.3	A
Intersection		27.1	C	31.4	C	31.8	C	31.8	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.7	A	0.7	A	0.7	A	0.7	A
	EBT	3.9	A	4.4	A	4.4	A	4.4	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	38.2	D	50.7	D	52.1	D	52.1	D
	WBT	24.7	C	26.6	C	26.7	C	26.7	C
	WBR								
	NBL								
	NBT	58	E	58.2	E	58.3	E	58.3	E
	NBR	7.4	A	7.3	A	7.3	A	7.3	A
	SBL								
	SBT	24.6	C	24.9	C	25.3	C	25.3	C
Intersection		19.9	B	21.5	C	21.6	C	21.6	C

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		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	41	D	41.9	D	42.1	D	42.1	D
	EBR								
	WBL								
	WBT	26	C	25.9	C	25.8	C	25.8	C
	WBR								
	NBL	9.6	A	10.1	B	10.2	B	10.2	B
	NBT	15.6	B	16.6	B	16.8	B	16.8	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	9.6	A	10.1	B	10.2	B	10.2	B
Intersection		15.8	B	16.5	B	16.7	B	16.7	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.6	B	15.5	B	15.6	B	15.6	B
	EBR								
	WBL								
	WBT	16.1	B	16	B	16	B	16.1	B
	WBR								
	NBL								
	NBT	16.2	B	16.2	B	16.2	B	16.2	B
	NBR								
	SBL	4.3	A	4.3	A	4.3	A	4.3	A
	SBT	4.3	A	4.3	A	4.3	A	4.3	A
	SBR								
	NWL	4.4	A	4.4	A	4.4	A	4.4	A
Intersection		6.6	A	6.5	A	6.5	A	6.5	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.7	B	10.7	B	10.7	B
	EBR								
	WBL								
	WBT	10.3	B	10.4	B	10.3	B	10.3	B
	WBR								
	NBL								
	NBT	9.5	A	9.5	A	9.6	A	9.6	A
	NBR								
	SBL								
	SBT	10.4	B	10.5	B	10.5	B	10.5	B
Intersection		10.3	B	10.4	B	10.4	B	10.4	B

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		Saturday Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.5	B	17.5	B	17.5	B
	WBT	18.9	B	18.8	B	18.8	B	18.8	B
	WBR	0.2	A	0.2	A	0.2	A	0.2	A
	NBL	15.9	B	15.9	B	16	B	16	B
	NBT	2.8	A	2.9	A	2.9	A	2.9	A
	NBR								
	SBL								
	SBT	18.8	B	19	B	19	B	19	B
	SBR	0.4	A	0.4	A	0.4	A	0.4	A
Intersection		13.3	B	13.2	B	13.2	B	13.2	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.3	C	20.4	C	20.3	C	20.3	C
	EBT	20.9	C	21	C	21	C	21	C
	EBR	0.6	A	0.6	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.8	B	15.9	B	15.9	B	15.9	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.2	A	3.3	A	3.3	A
	SBT	2.7	A	2.8	A	2.8	A	2.8	A
Intersection		12.7	B	12.7	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.3	C	29.7	C	30.2	C
	WBT	27.8	C	28	C	27.9	C	28.3	C
	WBR	8	A	9.2	A	11	B	11.1	B
	NBL	52.8	D	53.5	D	61.3	E	54.7	D
	NBT	15.2	B	16.1	B	16.8	B	17.2	B
	NBR								
	SBL								
	SBT	30.4	C	31.3	C	32.6	C	33.1	C
	SBR	35.7	D	37	D	39.5	D	40.4	D
Intersection		27.1	C	27.8	C	29.7	C	29.4	C

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Phase 3 Analysis
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		Saturday Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	27.6	C	27.9	C	29.2	C	29.7	C
	EBT	25.2	C	25.3	C	26.4	C	26.7	C
	EBR	4.7	A	5.6	A	10.8	B	11	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	28.8	C	29.3	C	29.5	C	29.8	C
	NBR	7.9	A	9.1	A	10.6	B	10.6	B
	SBL	42	D	42.2	D	42.4	D	40.6	D
	SBT	21.6	C	22	C	20.6	C	20.8	C
Intersection		23.2	C	23.6	C	24.3	C	24.4	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.6	B	18.6	B	18.6	B	18.6	B
	WBT	21.7	C	21.8	C	21.8	C	21.8	C
	WBR	20.7	C	20.8	C	20.8	C	20.8	C
	NBL	29.8	C	29.9	C	29.9	C	29.9	C
	NBT	13.2	B	13.1	B	13.2	B	13.2	B
	NBR								
	SBL								
	SBT	18.5	B	18.7	B	18.7	B	18.7	B
	SBR	23.2	C	23.6	C	23.6	C	23.6	C
Intersection		20.4	C	20.5	C	20.5	C	20.5	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	24.2	C	24.3	C	24.3	C	24.3	C
	EBT	20.4	C	20.3	C	20.3	C	20.3	C
	EBR	17.7	B	17.6	B	17.6	B	17.6	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.5	B	19.4	B	19.4	B
	NBR	22.2	C	22.6	C	22.6	C	22.6	C
	SBL	41.2	D	41.4	D	41.4	D	41.4	D
	SBT	6.8	A	6.9	A	6.9	A	6.9	A
Intersection		22.9	C	23	C	23	C	23	C

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		Saturday Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					30.9	C	30.9	C
	EBR					1.3	A	1.3	A
	WBL	32.3	C	32.4	C				
	WBT					24.8	C	24.8	C
	WBR	13.4	B	13.4	B	8.7	A	8.7	A
	NBL					4.2	A	4.2	A
	NBT	9	A	9.3	A	12.9	B	12.9	B
	NBR								
	SBL	2.5	A	2.5	A	4.3	A	4.3	A
	SBT	5.1	A	5.3	A	14.2	B	14.2	B
	SBR					2.8	A	2.8	A
Intersection		7.7	A	7.9	A	13.3	B	13.3	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.1	D	43.3	D	43.6	D	43.6	D
	EBT	38.8	D	38.8	D	38.4	D	38.4	D
	EBR								
	WBL								
	WBT	46.5	D	47.1	D	47.3	D	47.3	D
	WBR								
	NBL								
	NBT	20.1	C	20.9	C	22.3	C	22.3	C
	NBR	5.3	A	5.6	A	6.1	A	6.1	A
	SBL								
	SBT	21.3	C	22.2	C	24	C	24	C
Intersection		25.3	C	26	C	27	C	27	C
Lakeland Avenue & Manton Street	EBL								
	EBT	18.9	B	18.9	B	18.9	B	18.9	B
	EBR								
	WBL								
	WBT	15.4	B	15.4	B	15.4	B	15.4	B
	WBR								
	NBL								
	NBT	8.5	A	8.9	A	9.5	A	9.5	A
	NBR								
	SBL								
	SBT	9.9	A	10.5	B	11.2	B	11.2	B
Intersection		10.1	B	10.5	B	11.1	B	11.1	B

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		Saturday Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.8	A	1.8	A	1.8	A	1.8	A
	EBT	2.6	A	2.7	A	2.7	A	2.7	A
	EBR								
	WBL								
	WBT	5.8	A	6.3	A	6.5	A	6.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52.1	D	52.1	D	52.1	D
	SBT								
	SBR	11.4	B	11.3	B	11.2	B	11.2	B
Intersection		5.6	A	5.8	A	5.9	A	5.9	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.3	A	6.6	A	6.7	A	6.7	A
	EBR								
	WBL								
	WBT	4.9	A	5.1	A	5.3	A	5.3	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23.4	C	23.9	C	23.1	C	23.1	C
Intersection		6.9	A	7.2	A	7.3	A	7.3	A
Greene Avenue & Montauk Highway	EBL								
	EBT	6.7	A	6.9	A	7	A	7	A
	EBR								
	WBL								
	WBT	5.4	A	5.3	A	5.5	A	5.5	A
	WBR	3.9	A	3.7	A	3.8	A	3.8	A
	NBL	63	E	65.5	E	65.6	E	65.6	E
	NBT	36.9	D	36.7	D	36.8	D	36.8	D
	NBR								
	SBL								
	SBT	52.1	D	52.2	D	52.2	D	52.2	D
Intersection		15.7	B	15.8	B	15.8	B	15.8	B

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		Saturday Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	16.5	B	16.6	B	17.1	B	17.1	B
	EBT	20	B	20	B	19.9	B	19.9	B
	EBR								
	WBL	15.7	B	16.4	B	16.7	B	16.7	B
	WBT	19.6	B	21	C	21.7	C	21.7	C
	WBR	5.4	A	5.7	A	5.9	A	5.9	A
	NBL								
	NBT	53.8	D	53.6	D	53.6	D	53.6	D
	NBR								
	SBL	67.7	E	75	E	77.4	E	77.4	E
	SBT	30.3	C	30.6	C	31.4	C	31.4	C
Intersection		29.8	C	31.4	C	32	C	32	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	28.3	C	29.8	C	29.9	C	29.9	C
	EBT	30.4	C	31.4	C	31.4	C	31.4	C
	EBR								
	WBL	1.9	A	2.1	A	2.2	A	2.2	A
	WBT	3.3	A	3.5	A	3.6	A	3.6	A
	WBR								
	NBL								
	NBT	21	C	21.3	C	20.6	C	20.6	C
	NBR								
	SBL								
	SBT	40.9	D	41.3	D	41.2	D	41.2	D
	SBR	1.2	A	1.2	A	1.2	A	1.2	A
Intersection		15.2	B	15.8	B	15.8	B	15.8	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.3	A	1.5	A	1.4	A	1.4	A
	EBT	3	A	3.2	A	3.2	A	3.2	A
	EBR	0.2	A	0.2	A	0.2	A	0.2	A
	WBL	22	C	24.1	C	24.1	C	24.1	C
	WBT	21.8	C	22.4	C	22.4	C	22.4	C
	WBR								
	NBL								
	NBT	49.3	D	49.9	D	50	D	50	D
	NBR	7.4	A	7.3	A	7.3	A	7.3	A
	SBL								
	SBT	25	C	24.8	C	25.2	C	25.2	C
Intersection		17.5	B	18	B	18	B	18	B

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		Saturday Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	50.5	D	50.8	D	51.4	D	51.4	D
	EBR								
	WBL								
	WBT	31	C	31	C	30	C	30	C
	WBR								
	NBL	11.6	B	12	B	12.1	B	12.1	B
	NBT	16.2	B	16.4	B	16.5	B	16.5	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	12.8	B	13.7	B	14.2	B	14.2	B
Intersection		17.6	B	18.1	B	18.6	B	18.6	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.7	B	15.5	B	15.7	B	15.7	B
	EBR								
	WBL								
	WBT	16.2	B	16.2	B	16.2	B	16.2	B
	WBR								
	NBL								
	NBT	20.4	C	20.2	C	20.4	C	20.4	C
	NBR								
	SBL	7.4	A	7.4	A	7.4	A	7.4	A
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
	SBR								
	NWL	7.6	A	7.6	A	7.6	A	7.6	A
Intersection		9.8	A	9.8	A	9.8	A	9.8	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.5	B	10.5	B	10.6	B	10.6	B
	EBR								
	WBL								
	WBT	10.2	B	10.2	B	10.1	B	10.1	B
	WBR								
	NBL								
	NBT	9.4	A	9.4	A	9.4	A	9.4	A
	NBR								
	SBL								
	SBT	10.5	B	10.5	B	10.7	B	10.7	B
Intersection		10.2	B	10.3	B	10.3	B	10.3	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	24.2	C	26.0	D	36.5	E	36.3	E
Lakeland Avenue & Chester Road	EB	50.5	F	60.3	F	88.9	F	88.9	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.1	C	16.2	C	16.2	C
	WB	17.7	C	18.6	C	18.3	C	18.3	C
	NB	0.1	A	0.1	A	0.1	A	0.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	17.1	C	17.7	C	18.7	C	18.7	C
	NB	9.1	A	9.1	A	9.2	A	9.2	A
Railroad Avenue & Hiddink Street	WB	14.4	B	14.7	B	15.2	C	15.2	C
	NB	0.0		0.0		0.0		0.0	
	SB	2.2	A	2.3	A	2.3	A	2.3	A
Railroad Avenue & Center Street	EB	16.0	C	16.5	C	16.3	C	16.3	C
	NB	1.3	A	1.3	A	1.3	A	1.3	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.1	A	1.1	A	1.1	A	1.1	A
	WB	0.4	A	0.4	A	0.4	A	0.4	A
	NB	13.6	B	13.9	B	14.0	B	14.0	B
	SB	13.7	B	14.0	B	14.0	B	14.0	B
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.1	B	10.1	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	10.8	B	10.8	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.5	B	10.5	B	10.5	B	10.5	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.0	A	8.0	A
	WB	8.0	A	8.0	A	8.0	A	8.0	A
	SB	7.2	A	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.6	A	9.6	A

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Phase 3 Analysis

Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.0	A	8.1	A	8.1	A	8.1	A
	WB	9.0	A	9.1	A	9.1	A	9.1	A
	NB	8.4	A	8.5	A	8.5	A	8.5	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.8	A	9.8	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.3	A	9.4	A	9.7	A	9.7	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	8.9	A	8.9	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	3.1	A	3.1	A	3.1	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	6.1	A	6.1	A	6.1	A	6.1	A
Lincoln Avenue & Hiddink Street	EB	8.7	A	8.8	A	8.8	A	8.8	A
	WB	8.6	A	8.7	A	8.7	A	8.7	A
	NB	9.0	A	9.1	A	9.1	A	9.1	A
	SB	9.1	A	9.2	A	9.3	A	9.3	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		3.4	A	3.4	A
	NB	0.0	A	0.0	A	9.1	A	9.1	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.2	B	10.2	B

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Phase 3 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.0	C	19.7	C	23.3	C	23.3	C
	NB	10.1	B	10.3	B	11.1	B	11.1	B
Lakeland Avenue & Chester Road	EB	93.2	F	121.6	F	239.2	F	239.2	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	17.5	C	17.9	C	18.5	C	18.5	C
	WB	23.0	C	24.3	C	25.6	D	25.6	D
	NB	1.1	A	1.2	A	1.1	A	1.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	22.7	C	24.5	C	27.1	D	27.1	D
	NB	3.0	A	3.1	A	3.1	A	3.1	A
Railroad Avenue & Hiddink Street	WB	19.2	C	20.0	C	20.3	C	20.3	C
	NB	0.0		0.0		0.0		0.0	
	SB	3.6	A	3.7	A	3.7	A	3.7	A
Railroad Avenue & Center Street	EB	21.7	C	23.2	C	21.4	C	21.4	C
	NB	1.4	A	1.4	A	1.4	A	1.4	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.8	A	2.0	A	2.0	A	2.0	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	53.6	F	61.2	F	64.6	F	64.6	F
	SB	18.0	C	18.7	C	18.9	C	18.9	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.4	B	10.5	B	10.5	B	10.5	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.4	B	11.5	B	11.5	B	11.5	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.0	B	10.1	B	10.1	B	10.1	B
Terry Road & Sterling Place	EB	8.4	A	8.5	A	8.5	A	8.5	A
	WB	8.1	A	8.1	A	8.1	A	8.1	A
	SB	7.2	A	7.3	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.6	A	9.6	A

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Phase 3 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.9	A	9.0	A	9.1	A	9.1	A
	WB	10.5	B	10.7	B	10.8	B	10.8	B
	NB	10.0	A	10.2	B	10.3	B	10.3	B
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.0	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.9	A	9.9	A	10.0	B	10.0	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	8.9	A	8.9	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.8	A	0.8	A	0.8	A	0.8	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	3.0	A	3.0	A	3.0	A	3.0	A
Lincoln Avenue & Hiddink Street	EB	10.3	B	10.5	B	10.6	B	10.6	B
	WB	9.0	A	9.0	A	9.1	A	9.1	A
	NB	10.0	A	10.1	B	10.2	B	10.2	B
	SB	10.5	B	10.7	B	10.7	B	10.7	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.4	A	4.4	A
	NB	0.0	A	0.0	A	9.7	A	9.7	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.8	B	10.8	B

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Phase 3 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	25.8	D	27.0	D	31.0	D	31.0	D
	NB	10.6	B	10.8	B	11.7	B	11.7	B
Lakeland Avenue & Chester Road	EB	73.2	F	91.4	F	206.5	F	206.5	F
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	16.7	C	17.4	C	17.6	C	17.6	C
	WB	20.7	C	22.2	C	22.6	C	22.6	C
	NB	0.1	A	0.1	A	0.1	A	0.1	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	20.4	C	21.8	C	23.5	C	23.5	C
	NB	2.5	A	2.6	A	2.6	A	2.6	A
Railroad Avenue & Hiddink Street	WB	22.7	C	24.6	C	25.0	D	25.0	D
	NB	0.0		0.0		0.0		0.0	
	SB	3.5	A	3.6	A	3.6	A	3.6	A
Railroad Avenue & Center Street	EB	23.4	C	24.9	C	23.3	C	23.3	C
	NB	1.9	A	2.0	A	2.0	A	2.0	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.4	A	2.5	A	2.5	A	2.5	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	31.7	D	34.9	D	35.5	E	35.5	E
	SB	18.2	C	19.1	C	17.8	C	17.8	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.7	A	9.7	A
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	11.1	B	11.1	B	11.1	B	11.1	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.2	A	0.2	A	0.2	A	0.2	A
	NB	10.8	B	10.9	B	10.9	B	10.9	B
Terry Road & Sterling Place	EB	8.2	A	8.3	A	8.3	A	8.3	A
	WB	7.9	A	7.9	A	8.0	A	8.0	A
	SB	7.1	A	7.1	A	7.1	A	7.1	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.7	A	9.7	A	9.7	A

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Phase 3 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.4	A	8.5	A	8.6	A	8.6	A
	WB	10.2	B	10.4	B	10.5	B	10.5	B
	NB	9.0	A	9.1	A	9.2	A	9.2	A
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.1	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.5	B	10.6	B	10.6	B	10.6	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.8	A	9.9	A	10.1	B	10.1	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.3	A	3.5	A	3.3	A	3.3	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	4.6	A	4.6	A	4.6	A	4.6	A
Lincoln Avenue & Hiddink Street	EB	10.2	B	10.3	B	10.4	B	10.4	B
	WB	9.2	A	9.3	A	9.4	A	9.4	A
	NB	10.5	B	10.8	B	10.8	B	10.8	B
	SB	10.8	B	11.0	B	11.1	B	11.1	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.1	A	4.1	A
	NB	0.0	A	0.0	A	9.9	A	9.9	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.6	B	10.6	B

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Phase 3 Analysis
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		Saturday Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.2	C	19.7	C	23.8	C	23.8	C
	NB	9.4	A	9.5	A	9.9	A	9.9	A
Lakeland Avenue & Chester Road	EB	65.7	F	80.6	F	146.6	F	146.6	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	20.1	C	21.3	C	22.5	C	22.5	C
	WB	31.1	D	34.2	D	39.2	E	39.2	E
	NB	0.4	A	0.4	A	0.4	A	0.4	A
	SB	0.6	A	0.7	A	0.7	A	0.7	A
Railroad Avenue & Depot Street	EB	37.9	E	43.5	E	56.8	F	56.8	F
	NB	3.2	A	3.4	A	3.5	A	3.5	A
Railroad Avenue & Hiddink Street	WB	32.5	D	36.7	E	43.1	E	43.1	E
	NB	0.0		0.0		0.0		0.0	
	SB	2.7	A	2.8	A	3.1	A	3.1	A
Railroad Avenue & Center Street	EB	25.9	D	27.9	D	29.0	D	29.0	D
	NB	1.9	A	1.9	A	1.9	A	1.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.2	A	1.3	A	1.3	A	1.3	A
	WB	0.5	A	0.6	A	0.6	A	0.6	A
	NB	42.9	E	48.8	E	51.8	F	51.8	F
	SB	17.8	C	18.5	C	18.9	C	18.9	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	9.9	A	9.9	A
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	10.8	B	10.8	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	9.9	A	10.0	A	10.0	B	10.0	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	7.9	A	7.9	A
	WB	7.8	A	7.8	A	7.9	A	7.9	A
	SB	7.1	A	7.1	A	7.1	A	7.1	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.0	A	10.0	A

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Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.2	A	8.3	A	8.3	A
	WB	9.0	A	9.1	A	9.3	A	9.3	A
	NB	8.6	A	8.6	A	8.8	A	8.8	A
Tariff Street/Terry Road & Chester Road	EB	1.3	A	1.4	A	1.3	A	1.3	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.8	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	9.9	A	9.9	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.9	A	2.0	A	1.9	A	1.9	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.2	A	1.2	A	1.2	A	1.2	A
Carrie Avenue & Sterling Place	EB	8.6	A	8.6	A	8.6	A	8.6	A
Lincoln Avenue & Hiddink Street	EB	10.1	B	10.3	B	10.4	B	10.4	B
	WB	9.7	A	9.9	A	10.0	B	10.0	B
	NB	10.4	B	10.6	B	10.7	B	10.7	B
	SB	11.2	B	11.5	B	11.6	B	11.6	B
Site Access & 11th Street	EB	0.0		0.0		0.0		7.2	A
	WB	0.0		0.0		4.1	A	7.5	A
	NB	0.0	A	0.0	A	9.4	A	7.4	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.3	B	10.3	B

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Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.1	B	17.1	B	17.1	B	17.1	B
	WBT	18.6	B	18.6	B	18.6	B	18.6	B
	WBR	0.2	A	0.2	A	0.2	A	0.2	A
	NBL	17.5	B	17.8	B	17.8	B	17.8	B
	NBT	6.9	A	7.1	A	7.1	A	7.1	A
	NBR								
	SBL								
	SBT	18.8	B	18.9	B	18.9	B	18.9	B
	SBR	0.2	A	0.2	A	0.2	A	0.2	A
Intersection		14.4	B	14.4	B	14.4	B	14.4	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.4	C	20.5	C	20.5	C	20.5	C
	EBT	21.2	C	21.2	C	21.2	C	21.2	C
	EBR	0.4	A	0.4	A	0.4	A	0.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14.8	B	14.9	B	14.9	B	14.9	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	8	A	8	A	8.1	A	8.1	A
	SBT	7.7	A	7.7	A	7.8	A	7.8	A
Intersection		13.5	B	13.5	B	13.6	B	13.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.8	C	23.8	C	24.3	C	23.6	C
	WBT	25.3	C	25.3	C	25.4	C	24.8	C
	WBR	28.6	C	29.7	C	30	C	28.8	C
	NBL	53.5	D	54	D	59.2	E	54.9	D
	NBT	13.8	B	14.4	B	16.7	B	16.5	B
	NBR								
	SBL								
	SBT	30.5	C	31.3	C	33	C	34.6	C
	SBR	34.5	C	36.2	D	38.1	D	40.7	D
Intersection		26	C	26.6	C	28.6	C	28.2	C

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Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	34	C	35.5	D	41.4	D	38.7	D
	EBT	28.1	C	29.1	C	33.1	C	31.3	C
	EBR	6.1	A	6.5	A	7.3	A	6.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.4	C	33.8	C	35.1	D	36.9	D
	NBR	15.6	B	16	B	15.8	B	16.6	B
	SBL	42.9	D	43.1	D	43.1	D	43.4	D
	SBT	13.5	B	13.3	B	13.1	B	12.8	B
Intersection		26.2	C	26.8	C	29	C	28.5	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.3	C	23.3	C	23.3	C
	WBT	25	C	25	C	25	C	25	C
	WBR	37.1	D	38	D	38	D	38	D
	NBL	35.9	D	35.2	D	35.2	D	35.2	D
	NBT	19.8	B	19.6	B	19.6	B	19.6	B
	NBR								
	SBL								
	SBT	17.1	B	18.1	B	18.1	B	18.1	B
	SBR	19.4	B	20.8	C	20.8	C	20.8	C
Intersection		25.3	C	25.6	C	25.6	C	25.6	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	31.9	C	32.5	C	32.5	C	32.5	C
	EBT	19.7	B	19.8	B	19.8	B	19.8	B
	EBR	19.9	B	20	B	20	B	20	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	20.5	C	20.6	C	20.6	C	20.6	C
	NBR	23.3	C	23.6	C	23.6	C	23.6	C
	SBL	42.5	D	42.5	D	42.5	D	42.5	D
	SBT	12.6	B	12.9	B	12.9	B	12.9	B
Intersection		25	C	25.2	C	25.2	C	25.2	C

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Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					34.3	C	34.3	C
	EBT					0.4	A	0.4	A
	EBR	30.7	C	30.7	C				
	WBL					23.1	C	23.1	C
	WBT	13.9	B	13.9	B	5.2	A	5.2	A
	WBR					4.8	A	4.8	A
	NBL	8.8	A	10.1	B	20	B	20	B
	NBT								
	NBR	2.3	A	2.5	A	5.2	A	5.2	A
	SBL	4.4	A	5.3	A	14.8	B	14.8	B
	SBT					0.6	A	0.6	A
Intersection		7.1	A	8.1	A	17.5	B	17.5	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.6	D	46.9	D	47.2	D	47.2	D
	EBT	38.9	D	38.9	D	39	D	39	D
	EBR								
	WBL	59.7	E	63.2	E	63.6	E	63.6	E
	WBT								
	WBR								
	NBL								
	NBT	20.2	C	20.8	C	21.1	C	21.1	C
	NBR	3.5	A	3.5	A	3.5	A	3.5	A
	SBL								
	SBT	22.3	C	23.2	C	24	C	24	C
Intersection		31.8	C	33	C	33.2	C	33.2	C
Lakeland Avenue & Manton Street	EBL	21.7	C	21.7	C	21.7	C	21.7	C
	EBT								
	EBR								
	WBL								
	WBT	14.5	B	14.4	B	14.7	B	14.7	B
	WBR								
	NBL								
	NBT	5.9	A	6	A	6	A	6	A
	NBR								
	SBL								
	SBT	6.8	A	7.1	A	7.2	A	7.2	A
Intersection		8.1	A	8.2	A	8.3	A	8.3	A

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Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.3	A	1.3	A	1.4	A	1.4	A
	EBT	1.2	A	1.3	A	1.3	A	1.3	A
	EBR								
	WBL								
	WBT	5.5	A	5.7	A	5.8	A	5.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	33.1	C	33.2	C	33.1	C	33.1	C
	SBT								
	SBR	12.9	B	12.9	B	12.9	B	12.9	B
Intersection		4.8	A	4.9	A	4.9	A	4.9	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	4	A	4.2	A	4.2	A	4.2	A
	EBR								
	WBL								
	WBT	4.5	A	4.6	A	4.7	A	4.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23	C	23.1	C	22.8	C	22.8	C
Intersection		6	A	6.1	A	6.1	A	6.1	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.8	A	5.9	A	5.9	A
	EBR								
	WBL								
	WBT	6.7	A	6.8	A	6.8	A	6.8	A
	WBR	5.2	A	5	A	4.9	A	4.9	A
	NBL	36	D	36.1	D	36.6	D	36.6	D
	NBT	28.9	C	28.9	C	28.9	C	28.9	C
	NBR								
	SBL								
	SBT	38.8	D	39	D	39	D	39	D
Intersection		12.1	B	12.1	B	12.2	B	12.2	B

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Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	10.2	B	10.8	B	10.9	B	10.9	B
	EBT	10.3	B	10.9	B	11.1	B	11.1	B
	EBR								
	WBL	11.1	B	11.1	B	11	B	11	B
	WBT	12.6	B	13	B	13	B	13	B
	WBR	2.9	A	3.2	A	3.2	A	3.2	A
	NBL								
	NBT	41.9	D	41.9	D	42.1	D	42.1	D
	NBR								
	SBL	32.2	C	33.5	C	33.6	C	33.6	C
	SBT	26.9	C	27.5	C	27.8	C	27.8	C
Intersection		17.5	B	18	B	18.1	B	18.1	B
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	21.5	C	21	C	21	C	21	C
	EBT	25.4	C	25.1	C	25	C	25	C
	EBR								
	WBL	0.9	A	1.3	A	1.3	A	1.3	A
	WBT	2.2	A	2.5	A	2.6	A	2.6	A
	WBR								
	NBL								
	NBT	19.3	B	18.6	B	19.3	B	19.3	B
	NBR								
	SBL								
	SBT	28.9	C	28.9	C	28.9	C	28.9	C
	SBR	0.5	A	0.5	A	0.5	A	0.5	A
Intersection		10.9	B	11	B	11	B	11	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.3	A	0.3	A	0.3	A	0.3	A
	EBT	1.6	A	1.6	A	1.6	A	1.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	12.9	B	11.8	B	11.7	B	11.7	B
	WBT	22.6	C	21.9	C	21.7	C	21.7	C
	WBR								
	NBL								
	NBT	47.3	D	49	D	49	D	49	D
	NBR	2.7	A	2.9	A	2.9	A	2.9	A
	SBL								
	SBT	19.5	B	19.8	B	19.7	B	19.7	B
Intersection		17.4	B	17.3	B	17.1	B	17.1	B

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Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	44.2	D	44.3	D	44.2	D	44.2	D
	EBR								
	WBL								
	WBT	16.6	B	16.9	B	16.2	B	16.2	B
	WBR								
	NBL	5.1	A	5.4	A	5.5	A	5.5	A
	NBT	6	A	6.6	A	6.7	A	6.7	A
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	11.9	B	12.7	B	12.9	B	12.9	B
Intersection		14	B	14.6	B	14.7	B	14.7	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16	B	15.9	B	15.9	B	16	B
	EBR								
	WBL								
	WBT	16.2	B	16.2	B	16.1	B	16.2	B
	WBR								
	NBL								
	NBT	20.1	C	19.9	B	20	B	20	B
	NBR								
	SBL	7.6	A	7.7	A	7.7	A	7.7	A
	SBT	7.9	A	7.9	A	7.9	A	7.9	A
	SBR								
	NWL	7.6	A	7.6	A	7.6	A	7.6	A
Intersection		10.6	B	10.7	B	10.6	B	10.6	B
Cherry Avenue & Brook Street	EBL								
	EBT	9.6	A	9.6	A	9.6	A	9.6	A
	EBR								
	WBL								
	WBT	9.1	A	9.1	A	9.1	A	9.1	A
	WBR								
	NBL								
	NBT	8.5	A	8.5	A	8.5	A	8.5	A
	NBR								
	SBL								
	SBT	9.2	A	9.3	A	9.4	A	9.4	A
Intersection		9.2	A	9.2	A	9.3	A	9.3	A

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Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.6	B	17.6	B	17.6	B
	WBT	39.8	D	44.7	D	44.7	D	44.7	D
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	16.1	B	16.2	B	16.2	B	16.2	B
	NBT	3.2	A	3.3	A	3.3	A	3.3	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		28.8	C	31.9	C	32	C	32	C
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.4	B	19.5	B	19.5	B	19.5	B
	EBT	21.9	C	22.1	C	22.1	C	22.1	C
	EBR	0.6	A	0.7	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	16.3	B	16.3	B	16.3	B	16.3	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.3	A	3.3	A	3.3	A
	SBT	2.3	A	2.5	A	2.5	A	2.5	A
Intersection		13.6	B	13.7	B	13.7	B	13.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.4	C	29.8	C	29.8	C
	WBT	47.1	D	52.6	D	43.2	D	43.2	D
	WBR	5.2	A	6.3	A	7.9	A	7.9	A
	NBL	49.6	D	49.7	D	53.2	D	74.2	E
	NBT	15	B	15	B	14.7	B	14.7	B
	NBR								
	SBL								
	SBT	67.8	E	77.6	E	99.9	F	76.6	E
	SBR	90.3	F	100.9	F	123.6	F	100.1	F
Intersection		48.7	D	54.1	D	60.5	E	53.1	D

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Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.9	C	26	C	27.9	C	27.9	C
	EBT	23.4	C	23.4	C	24.7	C	24.7	C
	EBR	7.3	A	8.2	A	15	B	15	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	34.5	C	35.5	D	34.8	C	34.8	C
	NBR	17.6	B	18.5	B	17.5	B	17.5	B
	SBL	44.5	D	45.2	D	47	D	48.8	D
	SBT	31.8	C	31.9	C	29.9	C	28.3	C
Intersection		28.4	C	28.8	C	29.3	C	29.2	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	19.1	B	19.3	B	19.3	B	19.3	B
	WBT	21.9	C	22.1	C	22.1	C	22.1	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	25.9	C	25.9	C	25.9	C	25.9	C
	NBT	13.8	B	13.7	B	13.7	B	13.7	B
	NBR								
	SBL								
	SBT	18.3	B	18.5	B	18.5	B	18.5	B
	SBR	68.8	E	78.1	E	78.1	E	78.1	E
Intersection		33.4	C	36	D	36.1	D	36.1	D
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.2	C	23.4	C	23.4	C	23.4	C
	EBT	20.5	C	20.6	C	20.6	C	20.6	C
	EBR	18.2	B	18.2	B	18.2	B	18.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	23.1	C	23.3	C	23.3	C	23.3	C
	NBR	28.2	C	29.7	C	29.7	C	29.7	C
	SBL	47.4	D	47.5	D	47.5	D	47.5	D
	SBT	6.2	A	6.3	A	6.3	A	6.3	A
Intersection		25.3	C	25.5	C	25.5	C	25.5	C

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Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					31.9	C	31.9	C
	EBT					0.3	A	0.3	A
	EBR	33.4	C	33.4	C				
	WBL					26.7	C	26.7	C
	WBT	14	B	14	B	6.1	A	6.1	A
	WBR					4	A	4	A
	NBL	9.8	A	10.2	B	13.6	B	13.6	B
	NBT								
	NBR	2.7	A	2.8	A	4.4	A	4.4	A
	SBL	6.4	A	6.7	A	17.5	B	17.5	B
	SBT					3.7	A	3.7	A
Intersection		8.4	A	8.7	A	15	B	15	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.2	D	43.6	D	43.7	D	43.8	D
	EBT	41.8	D	42.1	D	41.6	D	41.7	D
	EBR								
	WBL								
	WBT	47.1	D	48	D	48.1	D	47.8	D
	WBR								
	NBL								
	NBT	18.4	B	19.2	B	20	C	20.1	C
	NBR	4.3	A	4.6	A	5	A	5	A
	SBL								
	SBT	21.7	C	22.9	C	23.8	C	23.9	C
Intersection		26	C	26.8	C	27.3	C	27.3	C
Lakeland Avenue & Manton Street	EBL	20.9	C	20.9	C	20.9	C	20.9	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	8.4	A	8.7	A	9	A	9	A
	NBR								
	SBL								
	SBT	9.2	A	9.7	A	9.9	A	9.9	A
Intersection		10.2	B	10.6	B	10.7	B	10.7	B

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Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.9	A	3	A	3	A
	EBT	3.5	A	3.9	A	3.8	A	3.8	A
	EBR								
	WBL								
	WBT	7.5	A	7.9	A	8.1	A	8.1	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52	D	52	D	52	D
	SBT								
	SBR	12.6	B	12.6	B	12.4	B	12.4	B
Intersection		6.3	A	6.6	A	6.6	A	6.6	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.3	B	11.3	B	11.7	B	11.7	B
	EBR								
	WBL								
	WBT	5.1	A	5.6	A	5.7	A	5.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	38.7	D	38.9	D	39	D	39	D
Intersection		10.6	B	11.3	B	11.5	B	11.5	B
Greene Avenue & Montauk Highway	EBL								
	EBT	8.4	A	9.1	A	9.1	A	9.1	A
	EBR								
	WBL								
	WBT	5.9	A	6.1	A	6	A	6	A
	WBR	2.4	A	2.1	A	1.9	A	1.9	A
	NBL	51.9	D	53	D	53.6	D	53.6	D
	NBT	36.2	D	36.2	D	36.3	D	36.3	D
	NBR								
	SBL								
	SBT	50.2	D	50.5	D	50.5	D	50.5	D
Intersection		13.8	B	14.1	B	14.1	B	14.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	11.3	B	11.3	B	11.5	B	11.5	B
	EBT	16.7	B	17.1	B	17.3	B	17.3	B
	EBR								
	WBL	12.4	B	13.3	B	13.4	B	13.4	B
	WBT	16.9	B	18	B	18.3	B	18.3	B
	WBR	4.8	A	5.1	A	5.2	A	5.2	A
	NBL								
	NBT	50.5	D	50.9	D	50.9	D	50.9	D
	NBR								
	SBL	63.2	E	79.4	E	80.9	F	80.9	F
	SBT	31.7	C	33.3	C	33.3	C	33.3	C
Intersection		25.8	C	28.4	C	28.8	C	28.8	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	26.3	C	26	C	26	C
	EBT	53.6	D	61.6	E	62.5	E	62.5	E
	EBR								
	WBL	1.8	A	1.8	A	1.8	A	1.8	A
	WBT	2.5	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	25.1	C	25.2	C	25	C	25	C
	NBR								
	SBL								
	SBT	42.1	D	42.3	D	42.4	D	42.4	D
	SBR	3.1	A	3.4	A	3.4	A	3.4	A
Intersection		25.6	C	28.8	C	29.1	C	29.1	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.6	A	0.6	A	0.6	A	0.6	A
	EBT	3.2	A	3.4	A	3.4	A	3.4	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	22.8	C	28.3	C	28.6	C	28.6	C
	WBT	20.3	C	22	C	22.1	C	22.1	C
	WBR								
	NBL								
	NBT	54	D	57.8	E	57.1	E	57.1	E
	NBR	6.7	A	6.7	A	6.7	A	6.7	A
	SBL								
	SBT	26.6	C	27.1	C	27	C	27	C
Intersection		17.7	B	19	B	19	B	19	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	52.7	D	52.8	D	52.8	D
	EBR								
	WBL								
	WBT	2.8	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL	11.3	B	12	B	12	B	12	B
	NBT	17.1	B	18.2	B	18.2	B	18.2	B
	NBR								
	SBL	6.7	A	7	A	7	A	7	A
	SBT	11.2	B	11.9	B	12.1	B	12.1	B
Intersection		18.4	B	19.1	B	19.2	B	19.2	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.5	B	16.5	B	16.5	B	16.5	B
	EBR								
	WBL								
	WBT	16.9	B	16.8	B	16.8	B	16.9	B
	WBR								
	NBL								
	NBT	16.9	B	16.9	B	16.9	B	16.9	B
	NBR								
	SBL	4.2	A	4.2	A	4.2	A	4.2	A
	SBT	4.2	A	4.2	A	4.2	A	4.2	A
	SBR								
	NWL	4.2	A	4.2	A	4.2	A	4.2	A
Intersection		6.1	A	6	A	6	A	6	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.8	B	11.7	B	11.7	B
	EBR								
	WBL								
	WBT	10.1	B	10.1	B	10.6	B	10.6	B
	WBR								
	NBL								
	NBT	9.1	A	9.2	A	9.3	A	9.3	A
	NBR								
	SBL								
	SBT	11.1	B	11.2	B	12.3	B	12.3	B
Intersection		10.5	B	10.6	B	11.4	B	11.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.4	B	18.5	B	18.5	B	18.5	B
	WBT	51.8	D	59.5	E	59.8	E	59.8	E
	WBR	0.4	A	0.4	A	0.4	A	0.4	A
	NBL	17.8	B	17.8	B	17.8	B	17.8	B
	NBT	5	A	5	A	5	A	5	A
	NBR								
	SBL								
	SBT	20.2	C	20.2	C	20.2	C	20.2	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		35.7	D	40.5	D	40.6	D	40.6	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.2	C	20.3	C	20.3	C	20.3	C
	EBT	21.5	C	21.7	C	21.7	C	21.7	C
	EBR	0.6	A	0.6	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.4	B	17.6	B	17.5	B	17.5	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.1	A	3.2	A	3.2	A	3.2	A
	SBT	3	A	3	A	3	A	3	A
Intersection		12.9	B	13	B	13	B	13	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	30.6	C	31.2	C	33.3	C	33.3	C
	WBT	134	F	149	F	149	F	149	F
	WBR	14.3	B	15.9	B	17.8	B	17.8	B
	NBL	46.9	D	46.8	D	49	D	74.3	E
	NBT	15.4	B	15.4	B	15.1	B	15.1	B
	NBR								
	SBL								
	SBT	65.8	E	76	E	104.5	F	73	E
	SBR	84.7	F	95.1	F	116.8	F	87.6	F
Intersection		74.1	E	82.3	F	90.3	F	81.2	F

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Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25	C	25.1	C	26.9	C	26.9	C
	EBT	23.2	C	23.2	C	24.6	C	24.6	C
	EBR	6	A	7	A	13.3	B	13.3	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	32.3	C	33	C	33	C	33	C
	NBR	18	B	18.6	B	18.3	B	18.3	B
	SBL	44.5	D	44.9	D	40.9	D	46.8	D
	SBT	31.3	C	31.5	C	29.2	C	27.3	C
Intersection		27	C	27.4	C	27.4	C	27.6	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.5	C	20.8	C	19.3	B	19.3	B
	WBT	23.6	C	24	C	24	C	24	C
	WBR	19.9	B	20	C	22	C	22	C
	NBL	27.9	C	27.7	C	27.7	C	27.7	C
	NBT	13.6	B	13.6	B	13.6	B	13.6	B
	NBR								
	SBL								
	SBT	18.7	B	18.9	B	18.9	B	18.9	B
	SBR	38.3	D	41.1	D	41.1	D	41.1	D
Intersection		24.2	C	25	C	25	C	25	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.1	C	23.2	C	23.2	C	23.2	C
	EBT	21	C	21	C	21	C	21	C
	EBR	18	B	17.9	B	17.9	B	17.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.5	C	22.7	C	22.7	C	22.7	C
	NBR	26.6	C	27.9	C	27.9	C	27.9	C
	SBL	44.1	D	44.1	D	46.1	D	46.1	D
	SBT	6.7	A	6.8	A	6.1	A	6.1	A
Intersection		24.6	C	24.7	C	25	C	25	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					31.9	C	31.9	C
	EBT					0.3	A	0.3	A
	EBR	31.6	C	31.6	C				
	WBL					25.3	C	25.3	C
	WBT	13.8	B	13.7	B	4.4	A	4.4	A
	WBR					4.1	A	4.1	A
	NBL	7.8	A	8	A	13	B	13	B
	NBT								
	NBR	2.3	A	2.3	A	4.2	A	4.2	A
	SBL	5.7	A	6	A	19.4	B	19.4	B
	SBT					3.7	A	3.7	A
Intersection		7	A	7.2	A	15.8	B	15.8	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.1	D	45.9	D	46.1	D	46.2	D
	EBT	40	D	40.5	D	40.4	D	40.5	D
	EBR								
	WBL	51.6	D	53.5	D	53.9	D	53.5	D
	WBT								
	WBR								
	NBL								
	NBT	18.9	B	19.7	B	20.3	C	20.5	C
	NBR	3.4	A	3.4	A	3.9	A	3.9	A
	SBL								
	SBT	28.1	C	30.1	C	31.6	C	31.8	C
Intersection		30.2	C	31.6	C	32.4	C	32.4	C
Lakeland Avenue & Manton Street	EBL	21.7	C	21.8	C	21.8	C	21.8	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	7.7	A	8	A	8.2	A	8.2	A
	NBR								
	SBL								
	SBT	11.2	B	12.1	B	12.4	B	12.4	B
Intersection		11.2	B	11.8	B	12	B	12	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.5	A	2.7	A	2.7	A	2.7	A
	EBT	3.7	A	3.9	A	4	A	4	A
	EBR								
	WBL								
	WBT	7.2	A	7.6	A	7.6	A	7.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	53.4	D	53.4	D	53.7	D	53.7	D
	SBT								
	SBR	12.2	B	12.1	B	12	B	12	B
Intersection		6.8	A	7	A	7.1	A	7.1	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	9	A	9.6	A	9.9	A	9.9	A
	EBR								
	WBL								
	WBT	5.3	A	5.3	A	5.3	A	5.3	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	31	C	31.6	C	31.7	C	31.7	C
Intersection		8.9	A	9.2	A	9.3	A	9.3	A
Greene Avenue & Montauk Highway	EBL								
	EBT	9	A	8.9	A	9.1	A	9.1	A
	EBR								
	WBL								
	WBT	5.3	A	6.6	A	6.4	A	6.4	A
	WBR	2.2	A	2.5	A	2.5	A	2.5	A
	NBL	63.4	E	64.5	E	64.5	E	64.5	E
	NBT	34.5	C	34.3	C	34.3	C	34.3	C
	NBR								
	SBL								
	SBT	52.4	D	52.7	D	52.8	D	52.8	D
Intersection		16.4	B	16.7	B	16.7	B	16.7	B

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Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.9	B	13.5	B	13.8	B	13.8	B
	EBT	20.4	C	20.5	C	20.5	C	20.5	C
	EBR								
	WBL	15.6	B	15.7	B	15.9	B	15.9	B
	WBT	20	C	20.7	C	21.3	C	21.3	C
	WBR	5.3	A	5.5	A	5.7	A	5.7	A
	NBL								
	NBT	52.9	D	52.9	D	52.9	D	52.9	D
	NBR								
	SBL	73	E	92.4	F	93.1	F	93.1	F
	SBT	31.2	C	32.5	C	32.7	C	32.7	C
Intersection		30.3	C	33.3	C	33.5	C	33.5	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	27.6	C	27.8	C	27.8	C
	EBT	56.8	E	71.4	E	72.4	E	72.4	E
	EBR								
	WBL	2	A	2.4	A	2.4	A	2.4	A
	WBT	2.8	A	3.2	A	3.2	A	3.2	A
	WBR								
	NBL								
	NBT	20.5	C	20.2	C	20.2	C	20.2	C
	NBR								
	SBL								
	SBT	42.2	D	42.2	D	42.1	D	42.1	D
	SBR	4.8	A	5.3	A	5.3	A	5.3	A
Intersection		27.1	C	32.9	C	33.3	C	33.3	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.7	A	0.7	A	0.7	A	0.7	A
	EBT	3.9	A	4.5	A	4.6	A	4.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	38.2	D	55.9	E	55.7	E	55.7	E
	WBT	24.7	C	26.9	C	27	C	27	C
	WBR								
	NBL								
	NBT	58	E	58.3	E	58.6	E	58.6	E
	NBR	7.4	A	7.3	A	7.4	A	7.4	A
	SBL								
	SBT	24.6	C	25	C	25.4	C	25.4	C
Intersection		19.9	B	21.9	C	22	C	22	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	41	D	41.9	D	42.1	D	42.1	D
	EBR								
	WBL								
	WBT	26	C	25.9	C	25.8	C	25.8	C
	WBR								
	NBL	9.6	A	10.2	B	10.5	B	10.5	B
	NBT	15.6	B	17	B	17.4	B	17.4	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	9.6	A	10.2	B	10.3	B	10.3	B
Intersection		15.8	B	16.7	B	17	B	17	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.6	B	15.5	B	15.6	B	15.6	B
	EBR								
	WBL								
	WBT	16.1	B	16	B	16	B	16.1	B
	WBR								
	NBL								
	NBT	16.2	B	16.2	B	16.2	B	16.2	B
	NBR								
	SBL	4.3	A	4.3	A	4.3	A	4.3	A
	SBT	4.3	A	4.3	A	4.3	A	4.3	A
	SBR								
	NWL	4.4	A	4.4	A	4.4	A	4.4	A
Intersection		6.6	A	6.5	A	6.5	A	6.5	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.7	B	10.7	B	10.7	B
	EBR								
	WBL								
	WBT	10.3	B	10.4	B	10.3	B	10.3	B
	WBR								
	NBL								
	NBT	9.5	A	9.5	A	9.6	A	9.6	A
	NBR								
	SBL								
	SBT	10.4	B	10.5	B	10.5	B	10.5	B
Intersection		10.3	B	10.4	B	10.4	B	10.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.5	B	17.5	B	17.5	B
	WBT	18.9	B	18.8	B	18.8	B	18.8	B
	WBR	0.2	A	0.2	A	0.2	A	0.2	A
	NBL	15.9	B	15.9	B	16	B	16	B
	NBT	2.8	A	2.9	A	2.9	A	2.9	A
	NBR								
	SBL								
	SBT	18.8	B	19	B	19	B	19	B
	SBR	0.4	A	0.4	A	0.4	A	0.4	A
Intersection		13.3	B	13.2	B	13.2	B	13.2	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.3	C	20.4	C	20.3	C	20.3	C
	EBT	20.9	C	21	C	21	C	21	C
	EBR	0.6	A	0.6	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.8	B	15.9	B	15.9	B	15.9	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.2	A	3.3	A	3.3	A
	SBT	2.7	A	2.8	A	2.8	A	2.8	A
Intersection		12.7	B	12.7	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.3	C	29.7	C	30.2	C
	WBT	27.8	C	28	C	27.9	C	28.3	C
	WBR	8	A	9.2	A	11	B	11.1	B
	NBL	52.8	D	53.5	D	61.3	E	54.7	D
	NBT	15.2	B	16.1	B	16.8	B	17.2	B
	NBR								
	SBL								
	SBT	30.4	C	31.3	C	32.6	C	33.1	C
	SBR	35.7	D	37	D	39.5	D	40.4	D
Intersection		27.1	C	27.8	C	29.7	C	29.4	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	27.6	C	27.9	C	29.2	C	29.7	C
	EBT	25.2	C	25.3	C	26.4	C	26.7	C
	EBR	4.7	A	5.6	A	10.8	B	11	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	28.8	C	29.3	C	29.5	C	29.8	C
	NBR	7.9	A	9.1	A	10.6	B	10.6	B
	SBL	42	D	42.2	D	42.4	D	40.6	D
	SBT	21.6	C	22	C	20.6	C	20.8	C
Intersection		23.2	C	23.6	C	24.3	C	24.4	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.6	B	18.8	B	18.8	B	18.8	B
	WBT	21.7	C	21.8	C	21.8	C	21.8	C
	WBR	20.7	C	20.8	C	20.8	C	20.8	C
	NBL	29.8	C	29.9	C	29.9	C	29.9	C
	NBT	13.2	B	13.1	B	13.2	B	13.2	B
	NBR								
	SBL								
	SBT	18.5	B	18.7	B	18.7	B	18.7	B
	SBR	23.2	C	23.6	C	23.6	C	23.6	C
Intersection		20.4	C	20.5	C	20.5	C	20.5	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	24.2	C	24.3	C	24.3	C	24.3	C
	EBT	20.4	C	20.3	C	20.3	C	20.3	C
	EBR	17.7	B	17.6	B	17.6	B	17.6	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.5	B	19.4	B	19.4	B
	NBR	22.2	C	22.8	C	22.8	C	22.8	C
	SBL	41.2	D	41	D	41	D	41	D
	SBT	6.8	A	7	A	7	A	7	A
Intersection		22.9	C	22.9	C	22.9	C	22.9	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					30.9	C	30.9	C
	EBR					1.3	A	1.3	A
	WBL	32.3	C	32.4	C				
	WBT					24.8	C	24.8	C
	WBR	13.4	B	13.4	B	8.7	A	8.7	A
	NBL					4.2	A	4.2	A
	NBT	9	A	9.3	A	12.9	B	12.9	B
	NBR								
	SBL	2.5	A	2.5	A	4.3	A	4.3	A
	SBT	5.1	A	5.3	A	14.2	B	14.2	B
	SBR					2.8	A	2.8	A
Intersection		7.7	A	7.9	A	13.3	B	13.3	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.1	D	43.5	D	43.8	D	43.8	D
	EBT	38.8	D	38.9	D	38.5	D	38.5	D
	EBR								
	WBL								
	WBT	46.5	D	47.5	D	47.9	D	47.9	D
	WBR								
	NBL								
	NBT	20.1	C	21.1	C	22.4	C	22.4	C
	NBR	5.3	A	5.7	A	6.2	A	6.2	A
	SBL								
	SBT	21.3	C	22.5	C	24.2	C	24.2	C
Intersection		25.3	C	26.2	C	27.3	C	27.3	C
Lakeland Avenue & Manton Street	EBL								
	EBT	18.9	B	18.9	B	18.9	B	18.9	B
	EBR								
	WBL								
	WBT	15.4	B	15.4	B	15.4	B	15.4	B
	WBR								
	NBL								
	NBT	8.5	A	9	A	9.7	A	9.7	A
	NBR								
	SBL								
	SBT	9.9	A	10.7	B	11.4	B	11.4	B
Intersection		10.1	B	10.6	B	11.3	B	11.3	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.8	A	1.8	A	1.8	A	1.8	A
	EBT	2.6	A	2.7	A	2.8	A	2.8	A
	EBR								
	WBL								
	WBT	5.8	A	6.4	A	6.6	A	6.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52.1	D	52.1	D	52.1	D
	SBT								
	SBR	11.4	B	11.3	B	11.2	B	11.2	B
Intersection		5.6	A	5.9	A	6	A	6	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.3	A	6.7	A	6.9	A	6.9	A
	EBR								
	WBL								
	WBT	4.9	A	5.3	A	5.4	A	5.4	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23.4	C	23.9	C	23.1	C	23.1	C
Intersection		6.9	A	7.3	A	7.3	A	7.3	A
Greene Avenue & Montauk Highway	EBL								
	EBT	6.7	A	7	A	7.2	A	7.2	A
	EBR								
	WBL								
	WBT	5.4	A	5.3	A	5.7	A	5.7	A
	WBR	3.9	A	3.5	A	3.6	A	3.6	A
	NBL	63	E	65.5	E	65.6	E	65.6	E
	NBT	36.9	D	36.7	D	36.8	D	36.8	D
	NBR								
	SBL								
	SBT	52.1	D	52.2	D	52.2	D	52.2	D
Intersection		15.7	B	15.7	B	15.8	B	15.8	B

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Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	16.5	B	16.6	B	17	B	17	B
	EBT	20	B	19.7	B	19.6	B	19.6	B
	EBR								
	WBL	15.7	B	16.7	B	16.9	B	16.9	B
	WBT	19.6	B	21.7	C	22.3	C	22.3	C
	WBR	5.4	A	5.7	A	6.1	A	6.1	A
	NBL								
	NBT	53.8	D	53.7	D	53.6	D	53.6	D
	NBR								
	SBL	67.7	E	78.3	E	80.5	F	80.5	F
	SBT	30.3	C	31.2	C	32.2	C	32.2	C
Intersection		29.8	C	31.9	C	32.5	C	32.5	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	28.3	C	30.3	C	30.7	C	30.7	C
	EBT	30.4	C	32	C	32.2	C	32.2	C
	EBR								
	WBL	1.9	A	2.1	A	2.3	A	2.3	A
	WBT	3.3	A	3.5	A	3.7	A	3.7	A
	WBR								
	NBL								
	NBT	21	C	21.3	C	20.6	C	20.6	C
	NBR								
	SBL								
	SBT	40.9	D	41.3	D	41.2	D	41.2	D
	SBR	1.2	A	1.2	A	1.2	A	1.2	A
Intersection		15.2	B	16	B	16.1	B	16.1	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.3	A	1.5	A	1.4	A	1.4	A
	EBT	3	A	3.2	A	3.2	A	3.2	A
	EBR	0.2	A	0.2	A	0.2	A	0.2	A
	WBL	22	C	24.8	C	25	C	25	C
	WBT	21.8	C	22.9	C	22.8	C	22.8	C
	WBR								
	NBL								
	NBT	49.3	D	49.3	D	49.3	D	49.3	D
	NBR	7.4	A	7.2	A	7.2	A	7.2	A
	SBL								
	SBT	25	C	24.7	C	25.1	C	25.1	C
Intersection		17.5	B	18.1	B	18.1	B	18.1	B

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Project Name: Grey Barn Island Hills
Phase 3 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	50.5	D	50.8	D	51.4	D	51.4	D
	EBR								
	WBL								
	WBT	31	C	31	C	30	C	30	C
	WBR								
	NBL	11.6	B	11.9	B	12.1	B	12.1	B
	NBT	16.2	B	16.4	B	16.6	B	16.6	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	12.8	B	13.9	B	14.5	B	14.5	B
Intersection		17.6	B	18.2	B	18.8	B	18.8	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.7	B	15.5	B	15.6	B	15.7	B
	EBR								
	WBL								
	WBT	16.2	B	16.2	B	16.2	B	16.2	B
	WBR								
	NBL								
	NBT	20.4	C	20.2	C	20.3	C	20.4	C
	NBR								
	SBL	7.4	A	7.4	A	7.4	A	7.4	A
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
	SBR								
	NWL	7.6	A	7.6	A	7.6	A	7.6	A
Intersection		9.8	A	9.8	A	9.7	A	9.8	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.5	B	10.5	B	10.6	B	10.6	B
	EBR								
	WBL								
	WBT	10.2	B	10.2	B	10.1	B	10.1	B
	WBR								
	NBL								
	NBT	9.4	A	9.4	A	9.4	A	9.4	A
	NBR								
	SBL								
	SBT	10.5	B	10.5	B	10.7	B	10.7	B
Intersection		10.2	B	10.3	B	10.3	B	10.3	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	24.2	C	26.0	D	36.5	E	36.1	E
Lakeland Avenue & Chester Road	EB	50.5	F	60.3	F	88.9	F	88.9	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.3	C	16.6	C	16.6	C
	WB	17.7	C	18.7	C	18.9	C	18.9	C
	NB	0.1	A	0.1	A	0.1	A	0.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	17.1	C	17.9	C	18.9	C	18.9	C
	NB	9.1	A	9.2	A	2.0	A	9.3	A
Railroad Avenue & Hiddink Street	WB	14.4	B	14.8	B	15.3	C	15.3	C
	NB	0.0		0.0		0.0		0.0	
	SB	2.2	A	2.3	A	2.3	A	2.3	A
Railroad Avenue & Center Street	EB	16.0	C	16.7	C	16.4	C	16.4	C
	NB	1.3	A	1.3	A	1.3	A	1.3	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.1	A	1.1	A	1.1	A	1.1	A
	WB	0.4	A	0.4	A	0.4	A	0.4	A
	NB	13.6	B	14.0	B	14.2	B	14.2	B
	SB	13.7	B	13.9	B	14.2	B	14.2	B
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.1	B	10.1	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	10.8	B	10.8	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.5	B	10.5	B	10.5	B	10.5	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.0	A	8.0	A
	WB	8.0	A	8.0	A	8.0	A	8.0	A
	SB	7.2	A	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.6	A	9.6	A

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Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.0	A	8.1	A	8.1	A	8.1	A
	WB	9.0	A	9.1	A	9.1	A	9.1	A
	NB	8.4	A	8.5	A	8.5	A	8.5	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.8	A	9.8	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.3	A	9.4	A	9.7	A	9.7	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	8.9	A	8.9	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	3.1	A	3.1	A	3.1	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	6.1	A	6.1	A	6.1	A	6.1	A
Lincoln Avenue & Hiddink Street	EB	8.7	A	8.8	A	8.8	A	8.8	A
	WB	8.6	A	8.7	A	8.7	A	8.7	A
	NB	9.0	A	9.1	A	9.1	A	9.1	A
	SB	9.1	A	9.2	A	9.3	A	9.3	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		3.4	A	3.4	A
	NB	0.0	A	0.0	A	9.1	A	9.1	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.2	B	10.2	B

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Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.0	C	19.7	C	23.3	C	23.3	C
	NB	10.1	B	10.3	B	11.1	B	11.1	B
Lakeland Avenue & Chester Road	EB	93.2	F	121.6	F	239.2	F	239.2	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	17.5	C	18.1	C	18.8	C	18.8	C
	WB	23.0	C	24.9	C	26.2	D	26.2	D
	NB	1.1	A	1.2	A	1.1	A	1.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	22.7	C	24.9	C	27.7	D	27.7	D
	NB	3.0	A	3.1	A	3.1	A	3.1	A
Railroad Avenue & Hiddink Street	WB	19.2	C	20.4	C	20.6	C	20.6	C
	NB	0.0		0.0		0.0		0.0	
	SB	3.6	A	3.7	A	3.8	A	3.8	A
Railroad Avenue & Center Street	EB	21.7	C	23.6	C	21.6	C	21.6	C
	NB	1.4	A	1.4	A	1.4	A	1.4	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.8	A	2.0	A	2.1	A	2.1	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	53.6	F	66.9	F	70.2	F	70.2	F
	SB	18.0	C	19.2	C	19.3	C	19.3	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.4	B	10.5	B	10.5	B	10.5	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.4	B	11.5	B	11.5	B	11.5	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.0	B	10.1	B	10.1	B	10.1	B
Terry Road & Sterling Place	EB	8.4	A	8.5	A	8.5	A	8.5	A
	WB	8.1	A	8.1	A	8.1	A	8.1	A
	SB	7.2	A	7.3	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.6	A	9.6	A

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Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.9	A	9.0	A	9.1	A	9.1	A
	WB	10.5	B	10.7	B	10.8	B	10.8	B
	NB	10.0	A	10.2	B	10.3	B	10.3	B
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.0	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.9	A	9.9	A	10.0	B	10.0	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	8.9	A	8.9	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.8	A	0.8	A	0.8	A	0.8	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	3.0	A	3.0	A	3.0	A	3.0	A
Lincoln Avenue & Hiddink Street	EB	10.3	B	10.5	B	10.6	B	10.6	B
	WB	9.0	A	9.0	A	9.1	A	9.1	A
	NB	10.0	A	10.1	B	10.2	B	10.2	B
	SB	10.5	B	10.7	B	10.7	B	10.7	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.4	A	4.4	A
	NB	0.0	A	0.0	A	9.7	A	9.7	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.8	B	10.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	25.8	D	27.0	D	31.0	D	31.0	D
	NB	10.6	B	10.8	B	11.7	B	11.7	B
Lakeland Avenue & Chester Road	EB	73.2	F	91.4	F	206.5	F	206.5	F
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	16.7	C	17.6	C	17.8	C	17.8	C
	WB	20.7	C	22.7	C	23.0	C	23.0	C
	NB	0.1	A	0.1	A	0.1	A	0.1	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	20.4	C	22.1	C	24.0	C	24.0	C
	NB	2.5	A	2.6	A	2.6	A	2.6	A
Railroad Avenue & Hiddink Street	WB	22.7	C	25.2	D	25.5	D	25.5	D
	NB	0.0		0.0		0.0		0.0	
	SB	3.5	A	3.6	A	3.6	A	3.6	A
Railroad Avenue & Center Street	EB	23.4	C	25.3	D	23.6	C	23.6	C
	NB	1.9	A	2.0	A	2.0	A	2.0	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.4	A	2.6	A	2.6	A	2.6	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	31.7	D	36.7	E	37.4	E	37.4	E
	SB	18.2	C	19.5	C	18.2	C	18.2	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.7	A	9.7	A
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	11.1	B	11.1	B	11.1	B	11.1	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.2	A	0.2	A	0.2	A	0.2	A
	NB	10.8	B	10.9	B	10.9	B	10.9	B
Terry Road & Sterling Place	EB	8.2	A	8.3	A	8.3	A	8.3	A
	WB	7.9	A	7.9	A	8.0	A	8.0	A
	SB	7.1	A	7.1	A	7.1	A	7.1	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.7	A	9.7	A	9.7	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.4	A	8.5	A	8.6	A	8.6	A
	WB	10.2	B	10.4	B	10.5	B	10.5	B
	NB	9.0	A	9.1	A	9.2	A	9.2	A
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.1	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.5	B	10.6	B	10.6	B	10.6	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.8	A	9.9	A	10.1	B	10.1	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.3	A	3.5	A	3.3	A	3.3	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	4.6	A	4.6	A	4.6	A	4.6	A
Lincoln Avenue & Hiddink Street	EB	10.2	B	10.3	B	10.4	B	10.4	B
	WB	9.2	A	9.3	A	9.4	A	9.4	A
	NB	10.5	B	10.8	B	10.8	B	10.8	B
	SB	10.8	B	11.0	B	11.1	B	11.1	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.1	A	4.1	A
	NB	0.0	A	0.0	A	9.9	A	9.9	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.6	B	10.6	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.2	C	19.7	C	23.8	C	23.8	C
	NB	9.4	A	9.5	A	9.9	A	9.9	A
Lakeland Avenue & Chester Road	EB	65.7	F	80.6	F	146.6	F	146.6	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	20.1	C	21.3	C	23.0	C	23.0	C
	WB	31.1	D	34.2	D	40.9	E	40.9	E
	NB	0.4	A	0.4	A	0.4	A	0.4	A
	SB	0.6	A	0.7	A	0.7	A	0.7	A
Railroad Avenue & Depot Street	EB	37.9	E	43.5	E	59.3	F	59.3	F
	NB	3.2	A	3.4	A	3.6	A	3.6	A
Railroad Avenue & Hiddink Street	WB	32.5	D	36.7	E	44.6	E	44.6	E
	NB	0.0		0.0		0.0		0.0	
	SB	2.7	A	2.8	A	3.2	A	3.2	A
Railroad Avenue & Center Street	EB	25.9	D	27.9	D	29.6	D	29.6	D
	NB	1.9	A	1.9	A	1.9	A	1.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.2	A	1.3	A	1.3	A	1.3	A
	WB	0.5	A	0.6	A	0.6	A	0.6	A
	NB	42.9	E	48.8	E	56.6	F	56.6	F
	SB	17.8	C	18.5	C	19.3	C	19.3	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	9.9	A	9.9	A
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	10.8	B	10.8	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	9.9	A	10.0	A	10.0	B	10.0	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	7.9	A	7.9	A
	WB	7.8	A	7.8	A	7.9	A	7.9	A
	SB	7.1	A	7.1	A	7.1	A	7.1	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.0	A	10.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 3 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 3		Build Phase 3		Build Phase 3 with Timing Adjustments	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.2	A	8.3	A	8.3	A
	WB	9.0	A	9.1	A	9.3	A	9.3	A
	NB	8.6	A	8.6	A	8.8	A	8.8	A
Tariff Street/Terry Road & Chester Road	EB	1.3	A	1.4	A	1.3	A	1.3	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.8	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	9.9	A	9.9	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.9	A	2.0	A	1.9	A	1.9	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.2	A	1.2	A	1.2	A	1.2	A
Carrie Avenue & Sterling Place	EB	8.6	A	8.6	A	8.6	A	8.6	A
Lincoln Avenue & Hiddink Street	EB	10.1	B	10.3	B	10.4	B	10.4	B
	WB	9.7	A	9.9	A	10.0	B	10.0	B
	NB	10.4	B	10.6	B	10.7	B	10.7	B
	SB	11.2	B	11.5	B	11.6	B	11.6	B
Site Access & 11th Street	EB	0.0		0.0		0.0		7.2	A
	WB	0.0		0.0		4.1	A	7.5	A
	NB	0.0	A	0.0	A	9.4	A	7.4	A
Terry Road & Site Access	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.3	B	10.3	B

Level of Service Table: Phase 4 School

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	79.6	E	78.2	E	78.2	E
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.7	B	18.6	B	18.6	B
	NBT	7.9	A	7.8	A	7.5	A	7.5	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
Intersection		51.2	D	61.6	E	60.1	E	60.1	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.3	C	21.3	C
	EBT	21	C	21	C	21	C	21	C
	EBR	0.4	A	0.4	A	0.5	A	0.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14	B	14.1	B	14.3	B	14.3	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	5.7	A	5.7	A	5.9	A	5.9	A
	SBT	5.7	A	5.7	A	5.8	A	5.8	A
Intersection		12.5	B	12.6	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.7	C	21.2	C	21.8	C	21.2	C
	WBT	70.8	E	92.3	F	98.8	F	87.6	F
	WBR	19.4	B	20.6	C	21	C	20.3	C
	NBL	46.5	D	47.1	D	53.9	D	50.3	D
	NBT	14.6	B	15.1	B	18.1	B	18.4	B
	NBR								
	SBL								
	SBT	35.5	D	35.7	D	36.5	D	30.6	C
	SBR	42.5	D	43	D	45.4	D	38.2	D
Intersection		41.6	D	49.7	D	52.4	D	47.5	D

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	29.7	C	31.4	C	39.4	D	29.3	C
	EBT	26	C	27.1	C	32.6	C	24.2	C
	EBR	5.5	A	6	A	7.1	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.5	C	33.8	C	33.3	C
	NBR	15.8	B	17	B	16.3	B	16.3	B
	SBL	39.4	D	40.5	D	39.6	D	38.4	D
	SBT	14.6	B	14.6	B	14.1	B	14.7	B
Intersection		24.7	C	25.5	C	28.2	C	24.7	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.4	C	24.4	C	24.4	C
	WBT	127.1	F	147.1	F	145.3	F	145.3	F
	WBR	31.1	C	32.1	C	31.9	C	31.9	C
	NBL	39.4	D	38.9	D	39	D	39	D
	NBT	17.1	B	16.7	B	16.7	B	16.7	B
	NBR								
	SBL								
	SBT	19	B	19.1	B	19.1	B	19.1	B
	SBR	21.6	C	21.9	C	21.9	C	21.9	C
Intersection		75	E	85	F	84.1	F	84.1	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35.6	D	35.5	D	35.5	D
	EBT	19.5	B	19.6	B	20	B	20	B
	EBR	19.7	B	19.8	B	19.7	B	19.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.3	B	19.4	B	19.4	B
	NBR	22.9	C	23.2	C	23.2	C	23.2	C
	SBL	36.9	D	37.2	D	37.2	D	37.2	D
	SBT	14.4	B	14.6	B	14.6	B	14.6	B
Intersection		24.5	C	24.9	C	24.8	C	24.8	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.6	C	36.1	D
	EBT					0.3	A	0.3	A
	EBR	31.2	C	31.2	C				
	WBL					22	C	22.8	C
	WBT	13.8	B	13.7	B	6.8	A	5.4	A
	WBR					5.4	A	5	A
	NBL	9.7	A	10.5	B	25.1	C	20.4	C
	NBT								
	NBR	2.5	A	2.6	A	6.3	A	6.3	A
	SBL	3.6	A	3.7	A	10.8	B	10.2	B
	SBT					1.2	A	0.5	A
Intersection		8.3	A	8.7	A	20	B	17.6	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.5	D	46.9	D	46.9	D	46.9	D
	EBT	39.8	D	39.9	D	40.6	D	40.6	D
	EBR								
	WBL								
	WBT	54.5	D	56.2	E	56.3	E	56.3	E
	WBR								
	NBL							16.4	B
	NBT	19.9	B	20.7	C	21.1	C	19.3	B
	NBR	3.5	A	3.9	A	4	A	3.5	A
	SBL								
	SBT	19	B	19.7	B	20.4	C	20.4	C
Intersection		29.5	C	30.3	C	30.5	C	30	C
Lakeland Avenue & Manton Street	EBL	23.5	C	23.9	C	23.9	C	23.9	C
	EBT								
	EBR								
	WBL								
	WBT	13.5	B	13.6	B	13.6	B	13.6	B
	WBR								
	NBL								
	NBT	8	A	8.3	A	8.4	A	8.4	A
	NBR								
	SBL	7.9	A	8.3	A	8.6	A	8.6	A
	SBT								
Intersection		10.9	B	11.2	B	11.2	B	11.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.1	A	1.1	A	1.1	A	1.1	A
	EBR								
	WBL								
	WBT	8.5	A	9.8	A	11.4	B	11.4	B
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	32.8	C	33	C	32.8	C	32.8	C
	SBT								
	SBR	20.7	C	23.3	C	24.2	C	24.2	C
Intersection		8.1	A	9.2	A	10.4	B	10.4	B
Montauk Highway & Cherry Avenue	EBL								
	EBT	3.3	A	3.3	A	3.3	A	3.3	A
	EBR								
	WBL								
	WBT	6.5	A	7.1	A	7.3	A	7.3	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	24.1	C	24.2	C	23.8	C	23.8	C
Intersection		6.7	A	7.1	A	7.3	A	7.3	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.6	A	5.6	A	5.6	A
	EBR								
	WBL								
	WBT	8	A	8.5	A	8.6	A	8.6	A
	WBR	3.2	A	3.2	A	3.4	A	3.4	A
	NBL	41.5	D	42.1	D	42.1	D	42.1	D
	NBT	28.7	C	28.5	C	28.6	C	28.6	C
	NBR								
	SBL								
	SBT	29.9	C	29.7	C	29.7	C	29.7	C
Intersection		12.5	B	12.8	B	12.9	B	12.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.2	B	16	B	16.2	B	16.2	B
	EBT	12.2	B	13.4	B	13.5	B	13.5	B
	EBR								
	WBL	12.1	B	12.2	B	12.4	B	12.4	B
	WBT	21	C	26	C	25.9	C	25.9	C
	WBR	4.5	A	4.8	A	4.8	A	4.8	A
	NBL								
	NBT	42.7	D	43.4	D	43.5	D	43.5	D
	NBR								
	SBL	28.1	C	26.8	C	27.2	C	27.2	C
	SBT	26.1	C	24.8	C	25.4	C	25.4	C
Intersection		21.5	C	23.8	C	23.9	C	24	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	20.8	C	20.4	C	20.4	C
	EBT	19.7	B	19	B	19	B	19	B
	EBR								
	WBL	2.7	A	2.8	A	2.8	A	2.8	A
	WBT	4.4	A	5.2	A	5.1	A	5	A
	WBR								
	NBL								
	NBT	28	C	28	C	28	C	28	C
	NBR								
	SBL								
	SBT	30.3	C	30.5	C	30.5	C	30.5	C
	SBR	0.7	A	0.8	A	0.7	A	0.7	A
Intersection		8.9	A	9.3	A	9.3	A	9.2	A
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.4	A	0.6	A	0.6	A	0.6	A
	EBT	1.3	A	1.3	A	1.3	A	1.3	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10	A	9	A	9	A	12.7	B
	WBT	27.8	C	28.1	C	27.9	C	33.7	C
	WBR								
	NBL								
	NBT	43.1	D	45.3	D	45.3	D	45.3	D
	NBR	3.2	A	3.7	A	3.6	A	3.6	A
	SBL								
	SBT	18.5	B	18.6	B	18.6	B	18.6	B
Intersection		20.5	C	20.9	C	20.7	C	23.8	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	39.3	D	39.8	D	39.9	D	38.6	D
	EBR								
	WBL								
	WBT	25.7	C	24.8	C	25.2	C	25.8	C
	WBR								
	NBL	4.4	A	5.2	A	5.2	A	3.6	A
	NBT	4.5	A	5.1	A	5.2	A	3.3	A
	NBR								
	SBL	4.7	A	5	A	5	A	4.7	A
	SBT	10.2	B	11.2	B	11.3	B	8.8	A
Intersection		11.3	B	12.1	B	12.2	B	10	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.9	B	15.8	B	17.6	B	17.6	B
	EBR								
	WBL								
	WBT	16.6	B	16.6	B	18.5	B	18.5	B
	WBR								
	NBL								
	NBT	20.2	C	20.2	C	22.2	C	22.2	C
	NBR								
	SBL	7.5	A	7.5	A	9	A	9	A
	SBT	7.5	A	7.5	A	9	A	9	A
	SBR								
	NWL	7.5	A	7.5	A	9	A	9	A
Intersection		9.8	A	9.7	A	11.2	B	11.2	B
Cherry Avenue & Brook Street	EBL								
	EBT	14	B	14.5	B	14.5	B	14.5	B
	EBR								
	WBL								
	WBT	11.4	B	11.6	B	11.6	B	11.6	B
	WBR								
	NBL								
	NBT	13.7	B	14.1	B	14.1	B	14.1	B
	NBR								
	SBL								
	SBT	12.5	B	12.7	B	13.3	B	13.3	B
Intersection		13.2	B	13.5	B	13.7	B	13.7	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.8	B	18.8	B	18.8	B
	WBT	71.5	E	86.8	F	85	F	85	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.6	B	18	B	18	B
	NBT	4	A	4.1	A	4	A	4	A
	NBR								
	SBL								
	SBT	20.1	C	20.2	C	20.2	C	20.2	C
	SBR	1.8	A	2	A	2	A	2	A
Intersection		47.6	D	57	E	55.6	E	55.6	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20	C	20	B	20	B
	EBT	21.2	C	21.3	C	21.4	C	21.4	C
	EBR	0.8	A	0.8	A	1.2	A	1.2	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	18	B	18	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.7	A	2.7	A	2.7	A
	SBT	2.4	A	2.5	A	2.5	A	2.5	A
Intersection		12	B	12.1	B	12.3	B	12.3	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	30.1	C	32.5	C	32.5	C
	WBT	139.7	F	160.5	F	158.3	F	158.3	F
	WBR	9.6	A	11.1	B	13.5	B	13.5	B
	NBL	46	D	45.5	D	48.6	D	47.8	D
	NBT	15.5	B	15.6	B	16.3	B	18.4	B
	NBR								
	SBL								
	SBT	67.7	E	82	F	115.4	F	43.6	D
	SBR	89.3	F	104.3	F	133.4	F	43.3	D
Intersection		78	E	89.8	F	98.8	F	72.3	E

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	28	C	28.7	C	31	C	25.4	C
	EBT	24.8	C	25.2	C	26.9	C	25.1	C
	EBR	6.2	A	7.7	A	16.8	B	17.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.7	C	32.2	C	31	C
	NBR	20.5	C	21.5	C	20.7	C	20.1	C
	SBL	44.5	D	44.3	D	40.9	D	45.4	D
	SBT	28.2	C	28	C	26.1	C	25	C
Intersection		26.8	C	27.2	C	27.8	C	26.9	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.6	C	23.6	C	23.6	C
	WBT	76.9	E	93.1	F	91.4	F	91.4	F
	WBR	22.8	C	23.2	C	23.1	C	23.1	C
	NBL	30.4	C	30.2	C	30.3	C	30.3	C
	NBT	12.8	B	12.8	B	12.7	B	12.7	B
	NBR								
	SBL								
	SBT	20.1	C	22.3	C	22.3	C	22.3	C
	SBR	80.1	F	138.2	F	136.7	F	136.7	F
Intersection		52.5	D	69.8	E	68.9	E	68.9	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.6	C	23.6	C	23.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22	C	22.3	C	22.3	C	22.3	C
	NBR	29.6	C	30.8	C	30.5	C	30.5	C
	SBL	41.2	D	40.2	D	40.2	D	40.2	D
	SBT	7.6	A	7.8	A	7.8	A	7.8	A
Intersection		23.6	C	23.6	C	23.6	C	23.6	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					34.1	C	37.9	D
	EBR					0.3	A	0.3	A
	WBL	32.4	C	32.4	C				
	WBT					25.6	C	28.1	C
	WBR	14	B	13.9	B	2.4	A	1.6	A
	NBL					4.5	A	4.4	A
	NBT	8.9	A	9.3	A	18	B	13.5	B
	NBR								
	SBL	2.5	A	2.6	A	5.1	A	5	A
	SBT	5.5	A	5.8	A	19.2	B	15.5	B
	SBR					4.4	A	3.4	A
Intersection		7.4	A	7.8	A	17.6	B	14.5	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.9	D	46.5	D	47.7	D	46.2	D
	EBT	45	D	45.6	D	47	D	45.5	D
	EBR								
	WBL								
	WBT	103.1	F	121.1	F	128.8	F	116.6	F
	WBR								
	NBL							22.9	C
	NBT	23.8	C	27.1	C	33.3	C	20.2	C
	NBR	4	A	4.3	A	4.8	A	4.2	A
	SBL								
	SBT	25.2	C	26.4	C	26.4	C	27.5	C
Intersection		42.4	D	47.3	D	50	D	44.8	D
Lakeland Avenue & Manton Street	EBL								
	EBT	21.2	C	21.3	C	21.3	C	21.3	C
	EBR								
	WBL								
	WBT	15.7	B	15.7	B	15.8	B	15.8	B
	WBR								
	NBL								
	NBT	8.5	A	8.8	A	9.2	A	9.2	A
	NBR								
	SBL								
	SBT	12.2	B	13.1	B	13.7	B	13.7	B
Intersection		12	B	12.6	B	12.9	B	12.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.9	A	3.1	A	3.1	A
	EBT	2.7	A	2.9	A	2.9	A	2.9	A
	EBR								
	WBL								
	WBT	6.9	A	7.4	A	7.6	A	7.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.2	D	50.2	D
	SBT								
	SBR	15.3	B	19.1	B	20.1	C	20.1	C
Intersection		5.9	A	6.5	A	6.7	A	6.7	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	11.6	B	12	B	12	B
	EBR								
	WBL								
	WBT	7.2	A	7.9	A	8.1	A	8.1	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37	D	38	D	37.8	D	37.8	D
Intersection		11.3	B	12.2	B	12.5	B	12.5	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.8	B	12	B	12	B
	EBR								
	WBL								
	WBT	6.3	A	6.8	A	6.7	A	6.7	A
	WBR	2.4	A	2.2	A	2.1	A	2.1	A
	NBL	63.9	E	66.3	E	66.3	E	66.3	E
	NBT	33.2	C	33	C	33.1	C	33.1	C
	NBR								
	SBL								
	SBT	53.5	D	53.9	D	53.9	D	53.9	D
Intersection		17.2	B	18.1	B	18.1	B	18.1	B

NELSON & POPE
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Phase 4 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	12.2	B	11.8	B	12	B	12	B
	EBT	19.5	B	19	B	19	B	19	B
	EBR								
	WBL	16	B	17.6	B	17.6	B	17.6	B
	WBT	18.8	B	20.8	C	21	C	21	C
	WBR	6.8	A	7	A	7.1	A	7.1	A
	NBL								
	NBT	53.2	D	53	D	52.8	D	52.8	D
	NBR								
	SBL	54.9	D	61.9	E	61.9	E	61.9	E
	SBT	31.6	C	32	C	32.4	C	32.4	C
Intersection		27.4	C	28.6	C	28.7	C	28.7	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.9	C	23.8	C	23.8	C
	EBT	38.6	D	45.5	D	45.5	D	45.5	D
	EBR								
	WBL	2	A	2	A	2	A	2	A
	WBT	2.5	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	29.2	C	28.8	C	28.6	C	28.6	C
	NBR								
	SBL								
	SBT	41.4	D	40.9	D	40.8	D	40.8	D
	SBR	8.1	A	8.5	A	8.4	A	8.4	A
Intersection		20.6	C	23.3	C	23.2	C	23.2	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.5	A	0.4	A	0.4	A	0.4	A
	EBT	3.2	A	3.6	A	3.6	A	3.6	A
	EBR	0.1	A	0	A	0	A	0	A
	WBL	19.1	B	22.6	C	22.5	C	22.5	C
	WBT	16.4	B	17.3	B	17.3	B	17.3	B
	WBR								
	NBL								
	NBT	48.7	D	49.3	D	49.2	D	49.2	D
	NBR	8.2	A	8.2	A	8.2	A	8.2	A
	SBL								
	SBT	26.3	C	26.4	C	26.4	C	26.4	C
Intersection		14.2	B	15	B	15	B	15	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	52.7	D	55.4	E	55.5	E	55.5	E
	EBT								
	EBR								
	WBL	14.5	B	14.9	B	14.9	B	14.9	B
	WBT								
	WBR								
	NBL	13.4	B	13.4	B	13.5	B	13.5	B
	NBT	20.9	C	21	C	21.1	C	21.1	C
	NBR	7	A	6.5	A	6.5	A	6.5	A
	SBL								
	SBT								
Intersection		21	C	21.5	C	21.7	C	21.7	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL	17.4	B	19.3	B	17.4	B	17.4	B
	EBT								
	EBR								
	WBL	17.3	B	19.4	B	17.4	B	17.4	B
	WBT								
	WBR								
	NBL	17.5	B	19.5	B	17.5	B	17.5	B
	NBT								
	NBR								
	SBL	6.3	A	7.9	A	6.3	A	6.3	A
	SBT	6.2	A	7.8	A	6.3	A	6.3	A
	SBR	6.3	A	7.9	A	6.4	A	6.4	A
	NWL								
Intersection		8.9	A	10.6	B	8.8	A	8.8	A
Cherry Avenue & Brook Street	EBL	11.5	B	12.9	B	13.2	B	13.2	B
	EBT								
	EBR								
	WBL	12.5	B	14	B	14.2	B	14.2	B
	WBT								
	WBR								
	NBL	9.5	A	9.8	A	9.7	A	9.7	A
	NBT								
	NBR								
	SBL	13.2	B	15.4	B	15.6	B	15.6	B
	SBT								
Intersection		12.1	B	13.6	B	13.8	B	13.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.1	B	18.1	B	18.1	B	18.1	B
	WBT	18.9	B	19	B	19	B	19	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	18.7	B	19	B	19.6	B	19.6	B
	NBT	3.3	A	3.4	A	3.3	A	3.3	A
	NBR								
	SBL								
	SBT	19.1	B	19.1	B	19.1	B	19.1	B
	SBR	0.3	A	0.3	A	0.3	A	0.3	A
Intersection		14.3	B	14.4	B	14.6	B	14.6	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.7	C	20.6	C	20.6	C	20.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	0.9	A	0.9	A	1.2	A	1.2	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.6	B	15.8	B	15.9	B	15.9	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2	A	2	A	2	A	2	A
	SBT	1.7	A	1.7	A	1.7	A	1.7	A
Intersection		12.6	B	12.6	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.4	C	28.5	C	30.7	C	29.1	C
	WBT	27.7	C	27.8	C	27.9	C	26.6	C
	WBR	5.2	A	6.6	A	8.9	A	8.5	A
	NBL	54	D	55	D	60.4	E	56.6	E
	NBT	14.2	B	14.5	B	15.1	B	17.5	B
	NBR								
	SBL								
	SBT	29.7	C	30.8	C	32.5	C	30.4	C
	SBR	34.3	C	35.9	D	38.7	D	30.6	C
Intersection		26.7	C	27.4	C	29.3	C	27.8	C

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Phase 4 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	26.9	C	27.2	C	28.5	C	25.6	C
	EBT	24.8	C	25	C	25.8	C	25.2	C
	EBR	3.9	A	3.9	A	9.2	A	9.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	27.5	C	27.9	C	28.6	C	27	C
	NBR	13.5	B	15.3	B	16.9	B	15.9	B
	SBL	41.5	D	41.8	D	41.8	D	42.1	D
	SBT	23.1	C	23.6	C	22.2	C	18.3	B
Intersection		23.4	C	23.9	C	24.6	C	23	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	21.2	C	21.5	C	21.5	C	21.5	C
	WBT	21.7	C	22	C	22	C	22	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	34.5	C	34.5	C	34.5	C	34.5	C
	NBT	11.7	B	11.7	B	11.6	B	11.6	B
	NBR								
	SBL								
	SBT	19	B	19.2	B	19.2	B	19.2	B
	SBR	22.3	C	22.7	C	22.7	C	22.7	C
Intersection		20.7	C	20.9	C	20.9	C	20.9	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.3	C	23.3	C	23.3	C	23.3	C
	EBT	21	C	21	C	21	C	21	C
	EBR	23.1	C	23.1	C	23.1	C	23.1	C
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	18.2	B	18.5	B	18.5	B	18.5	B
	NBR	22.7	C	23.6	C	23.6	C	23.6	C
	SBL	35.9	D	35.9	D	35.9	D	35.9	D
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
Intersection		19.7	B	19.9	B	19.9	B	19.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.4	C	32.8	C
	EBT					1.1	A	0.6	A
	EBR	32.5	C	32.6	C				
	WBL					25	C	24.1	C
	WBT	13.6	B	13.6	B	5	A	3.6	A
	WBR					4.6	A	4.9	A
	NBL	9.3	A	9.7	A	16	B	14	B
	NBT								
	NBR	2.5	A	2.6	A	4.9	A	5	A
	SBL	5.4	A	5.7	A	16.3	B	14.2	B
	SBT					3.6	A	2.5	A
Intersection		7.8	A	8.1	A	15.6	B	13.8	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	44	D	44.7	D	45	D	45	D
	EBT	40.1	D	40.4	D	41.3	D	41.3	D
	EBR								
	WBL								
	WBT	48.1	D	48.9	D	48.9	D	49	D
	WBR								
	NBL							18.4	B
	NBT	20.8	C	21.7	C	24.5	C	19.8	B
	NBR	5	A	5.3	A	5.9	A	5	A
	SBL								
	SBT	22	C	23.2	C	24.7	C	24.7	C
Intersection		27.2	C	28	C	29.4	C	28	C
Lakeland Avenue & Manton Street	EBL								
	EBT	20.8	C	20.6	C	20.7	C	20.7	C
	EBR								
	WBL								
	WBT	14.4	B	14.4	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	8.2	A	8.6	A	9	A	9	A
	NBR								
	SBL								
	SBT	10.2	B	11	B	12	B	12	B
Intersection		10.3	B	10.9	B	11.5	B	11.5	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.9	A	1.9	A	2	A	2	A
	EBR								
	WBL								
	WBT	5	A	5.2	A	5.3	A	5.3	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.5	D	50.7	D	50.7	D	50.7	D
	SBT								
	SBR	16	B	16	B	16	B	16	B
Intersection		5.1	A	5.2	A	5.4	A	5.4	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.8	A	7.2	A	7.5	A	7.5	A
	EBR								
	WBL								
	WBT	5.5	A	6.3	A	6.5	A	6.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	36.5	D	37.3	D	37.3	D	37.3	D
Intersection		8.9	A	9.5	A	9.8	A	9.8	A
Greene Avenue & Montauk Highway	EBL								
	EBT	7.3	A	7.6	A	7.7	A	7.7	A
	EBR								
	WBL								
	WBT	6	A	7.2	A	7.8	A	7.7	A
	WBR	2.8	A	2.9	A	3	A	3	A
	NBL	49.2	D	49.5	D	49.6	D	49.6	D
	NBT	34.2	C	33.8	C	33.8	C	33.8	C
	NBR								
	SBL								
	SBT	52.6	D	52.5	D	52.5	D	52.5	D
Intersection		15.4	B	16	B	16	B	16	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	14.5	B	14.4	B	14.8	B	15.5	B
	EBT	18.1	B	18.1	B	18	B	18.6	B
	EBR								
	WBL	15.5	B	15.7	B	15.9	B	16.7	B
	WBT	19.2	B	19.9	B	20.4	C	21.6	C
	WBR	5.4	A	5.7	A	6	A	6.1	A
	NBL								
	NBT	50.6	D	51.1	D	51.1	D	51.2	D
	NBR								
	SBL	78.5	E	97.6	F	98.9	F	86.9	F
	SBT	29.6	C	30.3	C	31.3	C	30.4	C
Intersection		30.6	C	33.9	C	34.3	C	32.8	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	24.3	C	25.3	C	25.3	C	25.4	C
	EBT	32.5	C	33.9	C	33.9	C	33.9	C
	EBR								
	WBL	2	A	2.5	A	2.5	A	2.2	A
	WBT	3.3	A	3.7	A	3.7	A	3.5	A
	WBR								
	NBL								
	NBT	24.5	C	24.4	C	24.4	C	24.4	C
	NBR								
	SBL								
	SBT	41.4	D	41.6	D	41.6	D	41.6	D
	SBR	2.6	A	3	A	3	A	3	A
Intersection		16	B	16.7	B	16.8	B	16.7	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1	A	1	A	1	A	1	A
	EBT	2.5	A	2.6	A	2.6	A	2.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	18.8	B	20.5	C	21	C	20.9	C
	WBT	20.8	C	21.9	C	22.1	C	22.7	C
	WBR								
	NBL								
	NBT	43.2	D	43.8	D	43.5	D	43.5	D
	NBR	7.1	A	7.1	A	7.1	A	7.1	A
	SBL								
	SBT	22.1	C	22	C	22.1	C	22.1	C
Intersection		15.6	B	16.1	B	16.2	B	16.4	B

NELSON & POPE
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Phase 4 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	53.2	D	53.5	D	54.6	D	51.2	D
	EBT								
	EBR								
	WBL	26.6	C	26.4	C	26.2	C	26.6	C
	WBT								
	WBR								
	NBL	11.4	B	11.6	B	11.9	B	10.6	B
	NBT	17.9	B	18.3	B	18.7	B	16.1	B
	NBR	6.2	A	6.2	A	6.2	A	6.2	A
	SBL								
	SBT								
Intersection		19.1	B	19.9	B	20.6	C	17.6	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	14.5	B	14.4	B	14.4	B	14.5	B
	EBT								
	EBR								
	WBL	14.5	B	14.5	B	14.5	B	14.5	B
	WBT								
	WBR								
	NBL	19.1	B	19.1	B	19.1	B	19.1	B
	NBT								
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	6.2	A	6.1	A	6.1	A	6.1	A
	SBR	6.1	A	6.1	A	6.1	A	6.1	A
	NWL								
Intersection		7.5	A	7.5	A	7.3	A	7.4	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.6	B	10.8	B	10.8	B
	EBT								
	EBR								
	WBL	10.2	B	10.3	B	10.3	B	10.3	B
	WBT								
	WBR								
	NBL	9.3	A	9.3	A	9.4	A	9.4	A
	NBT								
	NBR								
	SBL	10.7	B	10.8	B	11	B	11	B
	SBT								
Intersection		10.3	B	10.3	B	10.5	B	10.5	B

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Phase 4 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.6	C	24.2	C	37.7	E	37.3	E
	NB	9.1	A	9.2	A	9.5	A	9.5	A
Lakeland Avenue & Chester Road	EB	37.0	E	42.4	E	50.4	F	50.1	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.5	C	17.1	C	17.1	C
	WB	18.3	C	19.5	C	20.9	C	20.9	C
	NB	0.8	A	0.8	A	0.8	A	0.8	A
	SB	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue & Depot Street	EB	13.9	B	14.4	B	15.3	C	15.3	C
	NB	8.5	A	8.6	A	8.7	A	2.6	A
Railroad Avenue & Hiddink Street	WB	12.4	B	12.7	B	12.8	B	12.8	B
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	3.1	A	3.2	A	3.2	A
Railroad Avenue & Center Street	EB	12.7	B	13.1	B	13.3	B	13.3	B
	NB	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.1	A	2.3	A	2.3	A	2.3	A
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.6	B	10.7	B	10.7	B	10.7	B
	SB	20.3	C	22.2	C	22.7	C	22.7	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.7	A	9.7	A
Bohemia Pkwy. & Terry Road	EB	0.3	A	0.3	A	0.3	A	0.3	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.3	B	11.4	B	11.6	B	11.6	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.5	B	10.6	B	10.8	B	10.8	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.1	A	8.1	A
	WB	8.2	A	8.3	A	8.3	A	8.3	A
	SB	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.7	A	9.8	A	9.8	A

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Phase 4 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.3	A	8.5	A	8.5	A
	WB	10.6	B	10.8	B	11.1	B	11.1	B
	NB	9.5	A	9.6	A	9.8	A	9.8	A
Tariff Street/Terry Road & Chester Road	EB	2.1	A	2.1	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.2	B	10.2	B	10.2	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	8.9	A	9.0	A	9.4	A	9.4	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.1	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0		0.0	
	SB	2.4	A	2.4	A	4.5	A	4.5	A
Carrie Avenue & Marion Street	WB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.0	A	1.0	A	1.0	A	1.0	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB	8.4	A	8.5	A	8.6	A	8.6	A
	WB	8.6	A	8.8	A	8.8	A	8.8	A
	NB	8.7	A	8.8	A	8.8	A	8.8	A
	SB	8.9	A	9.0	A	9.0	A	9.0	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.0	A	4.0	A
	NB	0.0	A	0.0	A	9.3	A	9.3	A
Terry Road & Site Access	EB	0.0		0.0		0.3	A	0.3	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.3	B	10.3	B

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Phase 4 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.5	C	24.2	C	30.7	D	30.3	D
	NB	10.3	B	10.6	B	11.5	B	11.5	B
Lakeland Avenue & Chester Road	EB	83.0	F	115.4	F	255.1	F	215.5	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	23.1	C	25.3	D	27.3	D	27.3	D
	WB	24.6	C	28.6	D	32.1	D	32.1	D
	NB	0.2	A	0.2	A	0.2	A	0.2	A
	SB	0.5	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	25.6	D	28.9	D	34.0	D	34.0	D
	NB	3.8	A	4.0	A	4.0	A	4.0	A
Railroad Avenue & Hiddink Street	WB	26.3	D	31.0	D	32.9	D	32.9	D
	NB	0.0		0.0		0.0		0.0	
	SB	4.2	A	4.4	A	4.5	A	4.5	A
Railroad Avenue & Center Street	EB	28.9	D	32.4	D	33.0	D	33.0	D
	NB	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.3	A	2.6	A	2.7	A	2.7	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	62.1	F	102.7	F	89.7	F	89.7	F
	SB	19.2	C	21.0	C	21.2	C	21.2	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.2	A	9.2	A	9.3	A	9.3	A
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.1	A	0.0	A	0.0	A	0.0	A
	NB	11.8	B	12.0	B	12.3	B	12.3	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	11.2	B	11.3	B	11.5	B	11.5	B
Terry Road & Sterling Place	EB	8.8	A	8.9	A	9.0	A	9.0	A
	WB	8.2	A	8.3	A	8.4	A	8.4	A
	SB	7.4	A	7.4	A	7.5	A	7.5	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	10.0	A	10.1	B	10.1	B

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Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.8	A	10.0	B	10.3	B	10.3	B
	WB	12.3	B	12.7	B	13.3	B	13.3	B
	NB	11.1	B	11.5	B	12.0	B	12.0	B
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	11.2	B	11.4	B	11.6	B	11.6	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	10.0	A	10.0	B	10.3	B	10.3	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.2	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	2.4	A	2.3	A	4.5	A	4.5	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB	12.0	B	12.5	B	12.7	B	12.7	B
	WB	10.1	B	10.3	B	10.4	B	10.4	B
	NB	11.3	B	11.7	B	11.9	B	11.9	B
	SB	12.9	B	13.6	B	13.8	B	13.8	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.6	A	4.6	A
	NB	0.0	A	0.0	A	10.4	B	10.4	B
Terry Road & Site Access	EB	0.0		0.0		0.5	A	0.5	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.5	B	10.5	B

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Phase 4 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	23.7	C	25.5	D	33.2	D	33.7	D
	NB	9.6	A	9.8	A	10.3	B	10.3	B
Lakeland Avenue & Chester Road	EB	63.3	F	83.6	F	159.0	F	152.6	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	18.1	C	19.2	C	21.1	C	21.5	C
	WB	27.1	D	31.9	D	19.8	C	39.0	E
	NB	0.3	A	0.3	A	0.3	A	0.3	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	28.3	D	33.3	D	43.4	E	43.4	E
	NB	3.6	A	3.8	A	3.9	A	3.9	A
Railroad Avenue & Hiddink Street	WB	30.8	D	37.2	E	47.8	E	47.8	E
	NB	0.0		0.0		0.0		0.0	
	SB	3.4	A	3.5	A	3.9	A	3.9	A
Railroad Avenue & Center Street	EB	23.0	C	25.4	D	27.1	D	27.1	D
	NB	1.6	A	1.6	A	1.6	A	1.6	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.7	A	1.9	A	2.0	A	2.0	A
	WB	0.3	A	0.4	A	0.4	A	0.4	A
	NB	52.5	F	74.4	F	79.3	F	79.3	F
	SB	16.8	C	17.9	C	18.4	C	18.4	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.9	B	11.0	B	11.2	B	11.2	B
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0.0	
	NB	12.1	B	12.3	B	12.5	B	12.5	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.6	B	10.7	B	11.1	B	11.1	B
Terry Road & Sterling Place	EB	8.6	A	8.7	A	9.0	A	9.0	A
	WB	8.3	A	8.3	A	8.6	A	8.6	A
	SB	7.3	A	7.3	A	7.5	A	7.5	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.2	B	10.4	B	10.4	B

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Phase 4 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.7	A	9.9	A	10.5	B	10.5	B
	WB	10.3	B	10.6	B	11.2	B	11.2	B
	NB	11.0	B	11.4	B	12.2	B	12.2	B
Tariff Street/Terry Road & Chester Road	EB	1.8	A	1.8	A	1.7	A	1.7	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.3	B	10.3	B	12.1	B	12.1	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	10.0	B	10.0	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.7	A	0.7	A	2.9	A	2.9	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.9	A	0.9	A	0.9	A	0.9	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	5.0	A	5.1	A	5.0	A	5.0	A
Lincoln Avenue & Hiddink Street	EB	9.9	A	10.1	B	10.3	B	10.3	B
	WB	9.4	A	9.6	A	9.8	A	9.8	A
	NB	10.6	B	10.9	B	11.1	B	11.1	B
	SB	10.4	B	10.6	B	10.8	B	10.8	B
Site Access & 11th Street	EB	7.0	A	7.0	A	0.0		0.0	
	WB	7.1	A	7.1	A	4.5	A	4.5	A
	NB	7.0	A	7.0	A	9.8	A	9.8	A
Terry Road & Site Access	EB	0.0		0.0		0.3	A	0.3	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	11.3	B	11.3	B

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Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	79.6	E	78.2	E	78.2	E
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.7	B	18.6	B	18.6	B
	NBT	7.9	A	7.8	A	7.5	A	7.5	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
Intersection		51.2	D	61.6	E	60.1	E	60.1	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.3	C	21.3	C
	EBT	21	C	21	C	21	C	21	C
	EBR	0.4	A	0.4	A	0.5	A	0.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14	B	14.1	B	14.3	B	14.3	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	5.7	A	5.7	A	5.9	A	5.9	A
	SBT	5.7	A	5.7	A	5.8	A	5.8	A
Intersection		12.5	B	12.6	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.7	C	21.2	C	21.8	C	21.2	C
	WBT	70.8	E	92.3	F	98.8	F	87.6	F
	WBR	19.4	B	20.6	C	21	C	20.3	C
	NBL	46.5	D	47.1	D	53.9	D	50.3	D
	NBT	14.6	B	15.1	B	18.1	B	18.4	B
	NBR								
	SBL								
	SBT	35.5	D	35.7	D	36.5	D	30.6	C
	SBR	42.5	D	43	D	45.4	D	38.2	D
Intersection		41.6	D	49.7	D	52.4	D	47.5	D

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Project Name: Grey Barn Island Hills
Phase 4 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	29.7	C	31.4	C	39.4	D	29.3	C
	EBT	26	C	27.1	C	32.6	C	24.2	C
	EBR	5.5	A	6	A	7.1	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.5	C	33.8	C	33.3	C
	NBR	15.8	B	17	B	16.3	B	16.3	B
	SBL	39.4	D	40.5	D	39.6	D	38.4	D
	SBT	14.6	B	14.6	B	14.1	B	14.7	B
Intersection		24.7	C	25.5	C	28.2	C	24.7	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.5	C	24.5	C	24.5	C
	WBT	127.1	F	147.1	F	145.3	F	145.3	F
	WBR	31.1	C	32.1	C	31.9	C	31.9	C
	NBL	39.4	D	38.7	D	38.7	D	38.7	D
	NBT	17.1	B	16.6	B	16.6	B	16.6	B
	NBR								
	SBL								
	SBT	19	B	19.1	B	19.1	B	19.1	B
	SBR	21.6	C	21.9	C	21.9	C	21.9	C
Intersection		75	E	85	F	84	F	84	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35.7	D	35.7	D	35.7	D
	EBT	19.5	B	19.7	B	20.1	C	20.1	C
	EBR	19.7	B	19.8	B	19.8	B	19.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.3	B	19.3	B	19.3	B
	NBR	22.9	C	23.2	C	23.2	C	23.2	C
	SBL	36.9	D	37.1	D	37	D	37	D
	SBT	14.4	B	14.7	B	14.7	B	14.7	B
Intersection		24.5	C	25	C	24.8	C	24.8	C

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Phase 4 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.6	C	36.1	D
	EBT					0.3	A	0.3	A
	EBR	31.2	C	31.2	C				
	WBL					22	C	22.8	C
	WBT	13.8	B	13.7	B	6.8	A	5.4	A
	WBR					5.4	A	5	A
	NBL	9.7	A	10.5	B	25.1	C	20.4	C
	NBT								
	NBR	2.5	A	2.6	A	6.3	A	6.3	A
	SBL	3.6	A	3.7	A	10.8	B	10.2	B
	SBT					1.2	A	0.5	A
Intersection		8.3	A	8.7	A	20	B	17.6	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.5	D	47	D	47.1	D	47.1	D
	EBT	39.8	D	40	D	40.7	D	40.7	D
	EBR								
	WBL								
	WBT	54.5	D	56.7	E	56.7	E	56.7	E
	WBR								
	NBL							16.4	B
	NBT	19.9	B	20.7	C	21.1	C	19.4	B
	NBR	3.5	A	3.8	A	4	A	3.5	A
	SBL								
	SBT	19	B	19.8	B	20.5	C	20.5	C
Intersection		29.5	C	30.5	C	30.7	C	30.1	C
Lakeland Avenue & Manton Street	EBL								
	EBT	23.5	C	23.9	C	23.9	C	23.9	C
	EBR								
	WBL								
	WBT	13.5	B	13.6	B	13.6	B	13.6	B
	WBR								
	NBL								
	NBT	8	A	8.3	A	8.4	A	8.4	A
	NBR								
	SBL	7.9	A	8.3	A	8.6	A	8.6	A
	SBT								
Intersection		10.9	B	11.2	B	11.2	B	11.2	B

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Phase 4 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.1	A	1.1	A	1.1	A	1.1	A
	EBR								
	WBL								
	WBT	8.5	A	10	B	11.7	B	11.7	B
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	32.8	C	33	C	32.8	C	32.8	C
	SBT								
	SBR	20.7	C	23.4	C	24.6	C	24.6	C
Intersection		8.1	A	9.3	A	10.6	B	10.6	B
Montauk Highway & Cherry Avenue	EBL								
	EBT	3.3	A	3.3	A	3.4	A	3.4	A
	EBR								
	WBL								
	WBT	6.5	A	7.2	A	7.5	A	7.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	24.1	C	24.2	C	23.8	C	23.8	C
Intersection		6.7	A	7.2	A	7.4	A	7.4	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.7	A	5.7	A	5.7	A
	EBR								
	WBL								
	WBT	8	A	8.6	A	8.8	A	8.8	A
	WBR	3.2	A	3.2	A	3.4	A	3.4	A
	NBL	41.5	D	42.1	D	42.1	D	42.1	D
	NBT	28.7	C	28.5	C	28.6	C	28.6	C
	NBR								
	SBL								
	SBT	29.9	C	29.7	C	29.7	C	29.7	C
Intersection		12.5	B	12.8	B	12.9	B	12.9	B

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Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.2	B	16.5	B	16.8	B	16.8	B
	EBT	12.2	B	13.6	B	13.9	B	13.9	B
	EBR								
	WBL	12.1	B	12.4	B	12.4	B	12.5	B
	WBT	21	C	26.4	C	26.4	C	26.5	C
	WBR	4.5	A	4.8	A	4.8	A	4.8	A
	NBL								
	NBT	42.7	D	43.4	D	43.5	D	43.5	D
	NBR								
	SBL	28.1	C	26.7	C	27.2	C	27.2	C
	SBT	26.1	C	25	C	25.6	C	25.6	C
Intersection		21.5	C	24.1	C	24.3	C	24.3	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	20.8	C	20.4	C	20.4	C
	EBT	19.7	B	19	B	18.8	B	18.8	B
	EBR								
	WBL	2.7	A	2.8	A	2.8	A	2.8	A
	WBT	4.4	A	5.3	A	5.3	A	5.2	A
	WBR								
	NBL								
	NBT	28	C	28	C	28	C	28	C
	NBR								
	SBL								
	SBT	30.3	C	30.5	C	30.5	C	30.5	C
	SBR	0.7	A	0.8	A	0.7	A	0.7	A
Intersection		8.9	A	9.4	A	9.4	A	9.3	A
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.4	A	0.6	A	0.6	A	0.6	A
	EBT	1.3	A	1.3	A	1.4	A	1.4	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10	A	9	A	8.9	A	12.5	B
	WBT	27.8	C	28.3	C	28.2	C	34	C
	WBR								
	NBL								
	NBT	43.1	D	45.4	D	45.4	D	45.4	D
	NBR	3.2	A	3.7	A	3.6	A	3.6	A
	SBL								
	SBT	18.5	B	18.6	B	18.6	B	18.6	B
Intersection		20.5	C	21	C	20.9	C	24	C

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Phase 4 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	39.3	D	39.8	D	39.9	D	38.6	D
	EBR								
	WBL								
	WBT	25.7	C	24.8	C	25.2	C	25.8	C
	WBR								
	NBL	4.4	A	5.1	A	5.3	A	3.7	A
	NBT	4.5	A	5.1	A	5.2	A	3.4	A
	NBR								
	SBL	4.7	A	5	A	5	A	4.7	A
	SBT	10.2	B	11.3	B	11.4	B	8.8	A
Intersection		11.3	B	12.1	B	12.3	B	10.1	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.9	B	15.8	B	17.6	B	17.6	B
	EBR								
	WBL								
	WBT	16.6	B	16.6	B	18.6	B	18.6	B
	WBR								
	NBL								
	NBT	20.2	C	20.2	C	22.2	C	22.2	C
	NBR								
	SBL	7.5	A	7.5	A	9	A	9	A
	SBT	7.5	A	7.5	A	9	A	9	A
	SBR								
	NWL	7.5	A	7.5	A	9	A	9	A
Intersection		9.8	A	9.7	A	11.2	B	11.2	B
Cherry Avenue & Brook Street	EBL								
	EBT	14	B	14.5	B	14.5	B	14.5	B
	EBR								
	WBL								
	WBT	11.4	B	11.6	B	11.6	B	11.6	B
	WBR								
	NBL								
	NBT	13.7	B	14.1	B	14.1	B	14.1	B
	NBR								
	SBL								
	SBT	12.5	B	12.7	B	13.3	B	13.3	B
Intersection		13.2	B	13.5	B	13.7	B	13.7	B

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Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.8	B	18.8	B	18.8	B
	WBT	71.5	E	86.8	F	85	F	85	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.6	B	18	B	18	B
	NBT	4	A	4.1	A	4	A	4	A
	NBR								
	SBL								
	SBT	20.1	C	20.2	C	20.2	C	20.2	C
	SBR	1.8	A	2	A	2	A	2	A
Intersection		47.6	D	57	E	55.6	E	55.6	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20	C	20	B	20	B
	EBT	21.2	C	21.3	C	21.4	C	21.4	C
	EBR	0.8	A	0.8	A	1.2	A	1.2	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	18	B	18	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.7	A	2.7	A	2.7	A
	SBT	2.4	A	2.5	A	2.5	A	2.5	A
Intersection		12	B	12.1	B	12.3	B	12.3	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	30.1	C	32.5	C	32.5	C
	WBT	139.7	F	160.5	F	158.3	F	158.3	F
	WBR	9.6	A	11.1	B	13.5	B	13.5	B
	NBL	46	D	45.5	D	48.6	D	47.8	D
	NBT	15.5	B	15.6	B	16.3	B	18.4	B
	NBR								
	SBL								
	SBT	67.7	E	82	F	115.4	F	43.6	D
	SBR	89.3	F	104.3	F	133.4	F	43.3	D
Intersection		78	E	89.8	F	98.8	F	72.3	E

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Phase 4 Analysis with Other Planned Developments
Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	28	C	28.7	C	31	C	25.4	C
	EBT	24.8	C	25.2	C	26.9	C	25.1	C
	EBR	6.2	A	7.7	A	16.8	B	17.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.7	C	32.2	C	31	C
	NBR	20.5	C	21.5	C	20.7	C	20.1	C
	SBL	44.5	D	44.3	D	40.9	D	45.4	D
	SBT	28.2	C	28	C	26.1	C	25	C
Intersection		26.8	C	27.2	C	27.8	C	26.9	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.8	C	23.8	C	23.8	C
	WBT	76.9	E	93.1	F	91.4	F	91.4	F
	WBR	22.8	C	23.2	C	23.1	C	23.1	C
	NBL	30.4	C	30.2	C	30.3	C	30.3	C
	NBT	12.8	B	12.8	B	12.7	B	12.7	B
	NBR								
	SBL								
	SBT	20.1	C	22.3	C	22.3	C	22.3	C
	SBR	80.1	F	138.2	F	136.7	F	136.7	F
Intersection		52.5	D	69.8	E	68.8	E	68.8	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.6	C	23.6	C	23.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22	C	22.3	C	22.3	C	22.3	C
	NBR	29.6	C	31.2	C	31	C	31	C
	SBL	41.2	D	40.1	D	40	D	40	D
	SBT	7.6	A	7.9	A	7.8	A	7.8	A
Intersection		23.6	C	23.7	C	23.6	C	23.6	C

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		PM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					34.1	C	37.9	D
	EBT					0.3	A	0.3	A
	EBR	32.4	C	32.4	C				
	WBL					25.6	C	28.1	C
	WBT	14	B	13.9	B	2.4	A	1.6	A
	WBR					4.5	A	4.4	A
	NBL	8.9	A	9.3	A	18	B	13.5	B
	NBT								
	NBR	2.5	A	2.6	A	5.1	A	5	A
	SBL	5.5	A	5.8	A	19.2	B	15.5	B
	SBT					4.4	A	3.4	A
Intersection		7.4	A	7.8	A	17.6	B	14.5	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.9	D	46.5	D	47.7	D	46.2	D
	EBT	45	D	45.6	D	47	D	45.5	D
	EBR								
	WBL	103.1	F	125.4	F	134.3	F	121.6	F
	WBT								
	WBR								
	NBL							22.9	C
	NBT	23.8	C	27.1	C	33.3	C	20.2	C
	NBR	4	A	4.3	A	4.8	A	4.2	A
	SBL								
	SBT	25.2	C	26.4	C	26.4	C	27.5	C
Intersection		42.4	D	48.3	D	51.2	D	45.9	D
Lakeland Avenue & Manton Street	EBL	21.2	C	21.3	C	21.3	C	21.3	C
	EBT								
	EBR								
	WBL	15.7	B	15.7	B	15.8	B	15.8	B
	WBT								
	WBR								
	NBL	8.5	A	8.9	A	9.2	A	9.2	A
	NBT								
	NBR								
	SBL	12.2	B	13.2	B	13.8	B	13.8	B
	SBT								
Intersection		12	B	12.7	B	13	B	13	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis with Other Planned Developments
Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	3	A	3.2	A	3.2	A
	EBT	2.7	A	2.9	A	3	A	3	A
	EBR								
	WBL								
	WBT	6.9	A	7.6	A	7.9	A	7.9	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.2	D	50.2	D
	SBT								
	SBR	15.3	B	20.1	C	20.9	C	20.9	C
Intersection		5.9	A	6.7	A	7	A	7	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	11.9	B	12.6	B	12.6	B
	EBR								
	WBL								
	WBT	7.2	A	8	A	8.1	A	8.1	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37	D	38	D	37.8	D	37.8	D
Intersection		11.3	B	12.3	B	12.7	B	12.7	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.7	B	11.8	B	11.8	B
	EBR								
	WBL								
	WBT	6.3	A	6.9	A	6.9	A	6.9	A
	WBR	2.4	A	2.1	A	2	A	2	A
	NBL	63.9	E	66.3	E	66.3	E	66.3	E
	NBT	33.2	C	33	C	33.1	C	33.1	C
	NBR								
	SBL								
	SBT	53.5	D	53.9	D	53.9	D	53.9	D
Intersection		17.2	B	18	B	18	B	18	B

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Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	12.2	B	11.6	B	11.6	B	11.6	B
	EBT	19.5	B	18.7	B	18.5	B	18.5	B
	EBR								
	WBL	16	B	17.7	B	17.9	B	17.9	B
	WBT	18.8	B	21	C	21.4	C	21.4	C
	WBR	6.8	A	7.1	A	7.1	A	7.1	A
	NBL								
	NBT	53.2	D	52.9	D	52.8	D	52.8	D
	NBR								
	SBL	54.9	D	63.8	E	64.5	E	64.5	E
	SBT	31.6	C	32.6	C	33.1	C	33.1	C
Intersection		27.4	C	28.9	C	29	C	29	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.8	C	23.5	C	23.5	C
	EBT	38.6	D	47.2	D	47.7	D	47.7	D
	EBR								
	WBL	2	A	2.1	A	2.1	A	2.1	A
	WBT	2.5	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	29.2	C	28.7	C	28.5	C	28.5	C
	NBR								
	SBL								
	SBT	41.4	D	40.8	D	40.7	D	40.7	D
	SBR	8.1	A	8.5	A	8.3	A	8.3	A
Intersection		20.6	C	24	C	24.1	C	24.1	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.5	A	0.4	A	0.4	A	0.4	A
	EBT	3.2	A	3.7	A	3.8	A	3.8	A
	EBR	0.1	A	0	A	0	A	0	A
	WBL	19.1	B	23.4	C	23.5	C	23.5	C
	WBT	16.4	B	17.5	B	17.6	B	17.6	B
	WBR								
	NBL								
	NBT	48.7	D	49.2	D	49	D	49	D
	NBR	8.2	A	8.2	A	8.2	A	8.2	A
	SBL								
	SBT	26.3	C	26.4	C	26.4	C	26.4	C
Intersection		14.2	B	15.2	B	15.2	B	15.2	B

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Phase 4 Analysis with Other Planned Developments
Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	55.4	E	55.5	E	55.5	E
	EBR								
	WBL								
	WBT	14.5	B	14.9	B	14.9	B	14.9	B
	WBR								
	NBL	13.4	B	13.4	B	13.6	B	13.6	B
	NBT	20.9	C	21.1	C	21.3	C	21.3	C
	NBR								
	SBL	7	A	6.5	A	6.5	A	6.5	A
	SBT	12.7	B	13.3	B	13.5	B	13.5	B
Intersection		21	C	21.6	C	21.8	C	21.8	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	17.4	B	19.3	B	17.4	B	17.4	B
	EBR								
	WBL								
	WBT	17.3	B	19.4	B	17.4	B	17.4	B
	WBR								
	NBL								
	NBT	17.5	B	19.5	B	17.5	B	17.5	B
	NBR								
	SBL	6.3	A	7.9	A	6.3	A	6.3	A
	SBT	6.2	A	7.8	A	6.3	A	6.3	A
	SBR								
	NWL	6.3	A	7.9	A	6.4	A	6.4	A
Intersection		8.9	A	10.6	B	8.8	A	8.8	A
Cherry Avenue & Brook Street	EBL								
	EBT	11.5	B	12.9	B	13.2	B	13.2	B
	EBR								
	WBL								
	WBT	12.5	B	14	B	14.2	B	14.2	B
	WBR								
	NBL								
	NBT	9.5	A	9.8	A	9.7	A	9.7	A
	NBR								
	SBL								
	SBT	13.2	B	15.4	B	15.6	B	15.6	B
Intersection		12.1	B	13.6	B	13.8	B	13.8	B

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Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.1	B	18.1	B	18.1	B	18.1	B
	WBT	18.9	B	19	B	19	B	19	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	18.7	B	19	B	19.6	B	19.6	B
	NBT	3.3	A	3.4	A	3.3	A	3.3	A
	NBR								
	SBL								
	SBT	19.1	B	19.1	B	19.1	B	19.1	B
	SBR	0.3	A	0.3	A	0.3	A	0.3	A
Intersection		14.3	B	14.4	B	14.6	B	14.6	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.7	C	20.6	C	20.6	C	20.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	0.9	A	0.9	A	1.2	A	1.2	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.6	B	15.8	B	15.9	B	15.9	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2	A	2	A	2	A	2	A
	SBT	1.7	A	1.7	A	1.7	A	1.7	A
Intersection		12.6	B	12.6	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.4	C	28.5	C	30.7	C	29.1	C
	WBT	27.7	C	27.8	C	27.9	C	26.6	C
	WBR	5.2	A	6.6	A	8.9	A	8.5	A
	NBL	54	D	55	D	60.4	E	56.6	E
	NBT	14.2	B	14.5	B	15.1	B	17.5	B
	NBR								
	SBL								
	SBT	29.7	C	30.8	C	32.5	C	30.4	C
	SBR	34.3	C	35.9	D	38.7	D	30.6	C
Intersection		26.7	C	27.4	C	29.3	C	27.8	C

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Phase 4 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	26.9	C	27.2	C	28.5	C	25.6	C
	EBT	24.8	C	25	C	25.8	C	25.2	C
	EBR	3.9	A	3.9	A	9.2	A	9.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	27.5	C	27.9	C	28.6	C	27	C
	NBR	13.5	B	15.3	B	16.9	B	15.9	B
	SBL	41.5	D	41.8	D	41.8	D	42.1	D
	SBT	23.1	C	23.6	C	22.2	C	18.3	B
Intersection		23.4	C	23.9	C	24.6	C	23	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	21.2	C	21.7	C	21.7	C	21.7	C
	WBT	21.7	C	22	C	22	C	22	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	34.5	C	34.5	C	34.5	C	34.5	C
	NBT	11.7	B	11.7	B	11.6	B	11.6	B
	NBR								
	SBL								
	SBT	19	B	19.2	B	19.2	B	19.2	B
	SBR	22.3	C	22.7	C	22.7	C	22.7	C
Intersection		20.7	C	20.9	C	20.9	C	20.9	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.3	C	23.3	C	23.3	C	23.3	C
	EBT	21	C	21	C	21	C	21	C
	EBR	23.1	C	23.1	C	23.1	C	23.1	C
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	18.2	B	18.5	B	18.5	B	18.5	B
	NBR	22.7	C	24	C	24	C	24	C
	SBL	35.9	D	35.7	D	35.6	D	35.6	D
	SBT	7.7	A	7.8	A	7.8	A	7.8	A
Intersection		19.7	B	20	B	19.9	B	19.9	B

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Phase 4 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.4	C	32.8	C
	EBT					1.1	A	0.6	A
	EBR	32.5	C	32.6	C				
	WBL					25	C	24.1	C
	WBT	13.6	B	13.6	B	5	A	3.6	A
	WBR					4.6	A	4.9	A
	NBL	9.3	A	9.7	A	16	B	14	B
	NBT								
	NBR	2.5	A	2.6	A	4.9	A	5	A
	SBL	5.4	A	5.7	A	16.3	B	14.2	B
	SBT					3.6	A	2.5	A
Intersection		7.8	A	8.1	A	15.6	B	13.8	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	44	D	44.9	D	45.3	D	45.2	D
	EBT	40.1	D	40.5	D	41.5	D	41.5	D
	EBR								
	WBL								
	WBT	48.1	D	49.4	D	49.6	D	49.5	D
	WBR								
	NBL							18.5	B
	NBT	20.8	C	21.9	C	24.8	C	19.9	B
	NBR	5	A	5.3	A	5.9	A	5	A
	SBL								
	SBT	22	C	23.4	C	24.9	C	24.9	C
Intersection		27.2	C	28.2	C	29.6	C	28.2	C
Lakeland Avenue & Manton Street	EBL								
	EBT	20.8	C	20.6	C	20.7	C	20.7	C
	EBR								
	WBL								
	WBT	14.4	B	14.4	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	8.2	A	8.6	A	9.1	A	9.1	A
	NBR								
	SBL								
	SBT	10.2	B	11.1	B	12.2	B	12.2	B
Intersection		10.3	B	10.9	B	11.6	B	11.6	B

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Phase 4 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.9	A	2	A	2	A	2	A
	EBR								
	WBL								
	WBT	5	A	5.2	A	5.4	A	5.4	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.5	D	50.7	D	50.7	D	50.7	D
	SBT								
	SBR	16	B	16	B	16	B	16	B
Intersection		5.1	A	5.3	A	5.4	A	5.4	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.8	A	7.3	A	7.6	A	7.6	A
	EBR								
	WBL								
	WBT	5.5	A	6.4	A	6.7	A	6.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	36.5	D	37.3	D	37.3	D	37.3	D
Intersection		8.9	A	9.6	A	9.9	A	9.9	A
Greene Avenue & Montauk Highway	EBL								
	EBT	7.3	A	7.7	A	7.8	A	7.8	A
	EBR								
	WBL								
	WBT	6	A	7.7	A	8.4	A	8.3	A
	WBR	2.8	A	3	A	3.1	A	3.1	A
	NBL	49.2	D	49.5	D	49.6	D	49.6	D
	NBT	34.2	C	33.8	C	33.8	C	33.8	C
	NBR								
	SBL								
	SBT	52.6	D	52.5	D	52.5	D	52.5	D
Intersection		15.4	B	16	B	16.2	B	16.1	B

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Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	14.5	B	14.5	B	14.8	B	15.5	B
	EBT	18.1	B	18.1	B	17.9	B	18.4	B
	EBR								
	WBL	15.5	B	15.7	B	16.1	B	16.9	B
	WBT	19.2	B	20.1	C	20.8	C	22	C
	WBR	5.4	A	5.8	A	6	A	6.2	A
	NBL								
	NBT	50.6	D	51.1	D	51.2	D	51.2	D
	NBR								
	SBL	78.5	E	101.4	F	105.5	F	93	F
	SBT	29.6	C	30.8	C	32.1	C	31.2	C
Intersection		30.6	C	34.5	C	35.3	D	33.7	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	24.3	C	25.3	C	25.4	C	25.4	C
	EBT	32.5	C	34.3	C	34.5	C	34.5	C
	EBR								
	WBL	2	A	2.5	A	2.5	A	2.2	A
	WBT	3.3	A	3.7	A	3.8	A	3.6	A
	WBR								
	NBL								
	NBT	24.5	C	24.4	C	24.4	C	24.4	C
	NBR								
	SBL								
	SBT	41.4	D	41.6	D	41.6	D	41.6	D
	SBR	2.6	A	3	A	3	A	3	A
Intersection		16	B	16.9	B	17	B	16.9	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1	A	1	A	1	A	1	A
	EBT	2.5	A	2.6	A	2.7	A	2.7	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	18.8	B	20.9	C	21.8	C	21.5	C
	WBT	20.8	C	22.2	C	22.8	C	23.1	C
	WBR								
	NBL								
	NBT	43.2	D	43.6	D	43.1	D	43.1	D
	NBR	7.1	A	7.1	A	7	A	7	A
	SBL								
	SBT	22.1	C	22	C	22.1	C	22.1	C
Intersection		15.6	B	16.2	B	16.5	B	16.5	B

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Phase 4 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	53.2	D	53.5	D	54.6	D	51.2	D
	EBT								
	EBR								
	WBL	26.6	C	26.4	C	26.2	C	26.6	C
	WBT								
	WBR								
	NBL	11.4	B	11.7	B	11.9	B	10.8	B
	NBT	17.9	B	18.5	B	18.9	B	16.3	B
	NBR	6.2	A	6.2	A	6.2	A	6.2	A
	SBL								
	SBT								
Intersection		19.1	B	20	B	20.8	C	17.7	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	14.5	B	14.4	B	14.5	B	14.5	B
	EBT								
	EBR								
	WBL	14.5	B	14.5	B	14.5	B	14.5	B
	WBT								
	WBR								
	NBL	19.1	B	19.1	B	19.1	B	19.1	B
	NBT								
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	6.2	A	6.1	A	6.1	A	6.1	A
	SBR	6.1	A	6.1	A	6.1	A	6.1	A
	NWL								
Intersection		7.5	A	7.5	A	7.4	A	7.4	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.6	B	10.8	B	10.8	B
	EBT								
	EBR								
	WBL	10.2	B	10.3	B	10.3	B	10.3	B
	WBT								
	WBR								
	NBL	9.3	A	9.3	A	9.4	A	9.4	A
	NBT								
	NBR								
	SBL	10.7	B	10.8	B	11	B	11	B
	SBT								
Intersection		10.3	B	10.3	B	10.5	B	10.5	B

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Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.6	C	24.2	C	37.7	E	37.3	E
	NB	9.1	A	9.2	A	9.5	A	9.5	A
Lakeland Avenue & Chester Road	EB	37.0	E	42.4	E	50.4	F	50.1	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.5	C	17.1	C	17.1	C
	WB	18.3	C	19.5	C	20.9	C	20.9	C
	NB	0.8	A	0.8	A	0.8	A	0.8	A
	SB	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue & Depot Street	EB	13.9	B	14.4	B	15.3	C	15.3	C
	NB	8.5	A	8.6	A	8.7	A	2.6	A
Railroad Avenue & Hiddink Street	WB	12.4	B	12.7	B	12.8	B	12.8	B
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	3.1	A	3.2	A	3.2	A
Railroad Avenue & Center Street	EB	12.7	B	13.1	B	13.3	B	13.3	B
	NB	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.1	A	2.3	A	2.3	A	2.3	A
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.6	B	10.7	B	10.7	B	10.7	B
	SB	20.3	C	22.2	C	22.7	C	22.7	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.7	A	9.7	A
Bohemia Pkwy. & Terry Road	EB	0.3	A	0.3	A	0.3	A	0.3	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.3	B	11.4	B	11.6	B	11.6	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.5	B	10.6	B	10.8	B	10.8	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.1	A	8.1	A
	WB	8.2	A	8.3	A	8.3	A	8.3	A
	SB	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.7	A	9.8	A	9.8	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.3	A	8.5	A	8.5	A
	WB	10.6	B	10.8	B	11.1	B	11.1	B
	NB	9.5	A	9.6	A	9.8	A	9.8	A
Tariff Street/Terry Road & Chester Road	EB	2.1	A	2.1	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.2	B	10.2	B	10.2	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	8.9	A	9.0	A	9.4	A	9.4	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.1	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0		0.0	
	SB	2.4	A	2.4	A	4.5	A	4.5	A
Carrie Avenue & Marion Street	WB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.0	A	1.0	A	1.0	A	1.0	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB	8.4	A	8.5	A	8.6	A	8.6	A
	WB	8.6	A	8.8	A	8.8	A	8.8	A
	NB	8.7	A	8.8	A	8.8	A	8.8	A
	SB	8.9	A	9.0	A	9.0	A	9.0	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.0	A	4.0	A
	NB	0.0	A	0.0	A	9.3	A	9.3	A
Terry Road & Site Access	EB	0.0		0.0		0.3	A	0.3	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.3	B	10.3	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.5	C	24.2	C	30.7	D	30.3	D
	NB	10.3	B	10.6	B	11.5	B	11.5	B
Lakeland Avenue & Chester Road	EB	83.0	F	115.4	F	255.1	F	215.5	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	23.1	C	25.3	D	27.3	D	27.3	D
	WB	24.6	C	28.6	D	32.1	D	32.1	D
	NB	0.2	A	0.2	A	0.2	A	0.2	A
	SB	0.5	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	25.6	D	28.9	D	34.0	D	34.0	D
	NB	3.8	A	4.0	A	4.0	A	4.0	A
Railroad Avenue & Hiddink Street	WB	26.3	D	31.0	D	32.9	D	32.9	D
	NB	0.0		0.0		0.0		0.0	
	SB	4.2	A	4.4	A	4.5	A	4.5	A
Railroad Avenue & Center Street	EB	28.9	D	32.4	D	33.0	D	33.0	D
	NB	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.3	A	2.6	A	2.7	A	2.7	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	62.1	F	102.7	F	89.7	F	89.7	F
	SB	19.2	C	21.0	C	21.2	C	21.2	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.2	A	9.2	A	9.3	A	9.3	A
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.1	A	0.0	A	0.0	A	0.0	A
	NB	11.8	B	12.0	B	12.3	B	12.3	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	11.2	B	11.3	B	11.5	B	11.5	B
Terry Road & Sterling Place	EB	8.8	A	8.9	A	9.0	A	9.0	A
	WB	8.2	A	8.3	A	8.4	A	8.4	A
	SB	7.4	A	7.4	A	7.5	A	7.5	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	10.0	A	10.1	B	10.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.8	A	10.0	B	10.3	B	10.3	B
	WB	12.3	B	12.7	B	13.3	B	13.3	B
	NB	11.1	B	11.5	B	12.0	B	12.0	B
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	11.2	B	11.4	B	11.6	B	11.6	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	10.0	A	10.0	B	10.3	B	10.3	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.2	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	2.4	A	2.3	A	4.5	A	4.5	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB	12.0	B	12.5	B	12.7	B	12.7	B
	WB	10.1	B	10.3	B	10.4	B	10.4	B
	NB	11.3	B	11.7	B	11.9	B	11.9	B
	SB	12.9	B	13.6	B	13.8	B	13.8	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.6	A	4.6	A
	NB	0.0	A	0.0	A	10.4	B	10.4	B
Terry Road & Site Access	EB	0.0		0.0		0.5	A	0.5	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.5	B	10.5	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	23.7	C	25.5	D	33.2	D	33.7	D
	NB	9.6	A	9.8	A	10.3	B	10.3	B
Lakeland Avenue & Chester Road	EB	63.3	F	83.6	F	159.0	F	152.6	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	18.1	C	19.2	C	21.1	C	21.5	C
	WB	27.1	D	31.9	D	19.8	C	39.0	E
	NB	0.3	A	0.3	A	0.3	A	0.3	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	28.3	D	33.3	D	43.4	E	43.4	E
	NB	3.6	A	3.8	A	3.9	A	3.9	A
Railroad Avenue & Hiddink Street	WB	30.8	D	37.2	E	47.8	E	47.8	E
	NB	0.0		0.0		0.0		0.0	
	SB	3.4	A	3.5	A	3.9	A	3.9	A
Railroad Avenue & Center Street	EB	23.0	C	25.4	D	27.1	D	27.1	D
	NB	1.6	A	1.6	A	1.6	A	1.6	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.7	A	1.9	A	2.0	A	2.0	A
	WB	0.3	A	0.4	A	0.4	A	0.4	A
	NB	52.5	F	74.4	F	79.3	F	79.3	F
	SB	16.8	C	17.9	C	18.4	C	18.4	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.9	B	11.0	B	11.2	B	11.2	B
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0.0	
	NB	12.1	B	12.3	B	12.5	B	12.5	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.6	B	10.7	B	11.1	B	11.1	B
Terry Road & Sterling Place	EB	8.6	A	8.7	A	9.0	A	9.0	A
	WB	8.3	A	8.3	A	8.6	A	8.6	A
	SB	7.3	A	7.3	A	7.5	A	7.5	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.2	B	10.4	B	10.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.7	A	9.9	A	10.5	B	10.5	B
	WB	10.3	B	10.6	B	11.2	B	11.2	B
	NB	11.0	B	11.4	B	12.2	B	12.2	B
Tariff Street/Terry Road & Chester Road	EB	1.8	A	1.8	A	1.7	A	1.7	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.3	B	10.3	B	12.1	B	12.1	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	10.0	B	10.0	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.7	A	0.7	A	2.9	A	2.9	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.9	A	0.9	A	0.9	A	0.9	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	5.0	A	5.1	A	5.0	A	5.0	A
Lincoln Avenue & Hiddink Street	EB	9.9	A	10.1	B	10.3	B	10.3	B
	WB	9.4	A	9.6	A	9.8	A	9.8	A
	NB	10.6	B	10.9	B	11.1	B	11.1	B
	SB	10.4	B	10.6	B	10.8	B	10.8	B
Site Access & 11th Street	EB	7.0	A	7.0	A	0.0		0.0	
	WB	7.1	A	7.1	A	4.5	A	4.5	A
	NB	7.0	A	7.0	A	9.8	A	9.8	A
Terry Road & Site Access	EB	0.0		0.0		0.3	A	0.3	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	11.3	B	11.3	B

Level of Service Table: Phase 4 Summer

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.1	B	17.1	B	17.1	B	17.1	B
	WBT	18.6	B	18.6	B	18.6	B	18.6	B
	WBR	0.2	A	0.2	A	0.2	A	0.2	A
	NBL	17.5	B	18	B	19.1	B	19.1	B
	NBT	6.9	A	7.2	A	7.8	A	7.8	A
	NBR								
	SBL								
	SBT	18.8	B	19	B	19	B	19	B
	SBR	0.2	A	0.2	A	0.2	A	0.2	A
Intersection		14.4	B	14.5	B	14.8	B	14.8	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.4	C	20.5	C	20.5	C	20.5	C
	EBT	21.2	C	21.2	C	21.2	C	21.2	C
	EBR	0.4	A	0.5	A	0.5	A	0.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14.8	B	14.9	B	15.6	B	15.6	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	8	A	8.1	A	8.2	A	8.2	A
	SBT	7.7	A	7.8	A	7.8	A	7.8	A
Intersection		13.5	B	13.6	B	13.8	B	13.8	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.8	C	23.9	C	24.6	C	23.8	C
	WBT	25.3	C	25.3	C	25.5	C	24.8	C
	WBR	28.6	C	30.3	C	30.5	C	29	C
	NBL	53.5	D	54.3	D	59.9	E	58.2	E
	NBT	13.8	B	14.7	B	17.3	B	18	B
	NBR								
	SBL								
	SBT	30.5	C	31.5	C	33.4	C	29.3	C
	SBR	34.5	C	36.6	D	39	D	33.2	C
Intersection		26	C	26.9	C	29.1	C	27.9	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	34	C	35.8	D	44.1	D	30.2	C
	EBT	28.1	C	29.3	C	35	D	25.3	C
	EBR	6.1	A	6.6	A	7.6	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.4	C	34	C	36	D	35.3	D
	NBR	15.6	B	16.1	B	15.9	B	16	B
	SBL	42.9	D	43.5	D	43.4	D	40.6	D
	SBT	13.5	B	13.3	B	13.1	B	14.1	B
Intersection		26.2	C	27	C	30.2	C	25.6	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.3	C	23.2	C	23.2	C
	WBT	25	C	25.1	C	25	C	25	C
	WBR	37.1	D	38.4	D	38.2	D	38.2	D
	NBL	35.9	D	35.3	D	35.4	D	35.4	D
	NBT	19.8	B	19.7	B	19.6	B	19.6	B
	NBR								
	SBL								
	SBT	17.1	B	18.1	B	18.1	B	18.1	B
	SBR	19.4	B	20.9	C	20.9	C	20.9	C
Intersection		25.3	C	25.7	C	25.7	C	25.7	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	31.9	C	32.5	C	32.4	C	32.4	C
	EBT	19.7	B	19.7	B	19.7	B	19.7	B
	EBR	19.9	B	19.8	B	19.8	B	19.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	20.5	C	20.7	C	20.7	C	20.7	C
	NBR	23.3	C	23.7	C	23.7	C	23.7	C
	SBL	42.5	D	42.5	D	42.6	D	42.6	D
	SBT	12.6	B	12.9	B	12.8	B	12.8	B
Intersection		25	C	25.2	C	25.2	C	25.2	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					34.9	C	37.1	D
	EBR					0.3	A	0.3	A
	WBL	30.7	C	30.7	C				
	WBT					22.4	C	23.1	C
	WBR	13.9	B	13.9	B	4.7	A	3.5	A
	NBL					5.4	A	5.1	A
	NBT	8.8	A	10.2	B	22.9	C	18.6	B
	NBR								
	SBL	2.3	A	2.5	A	6	A	5.9	A
	SBT	4.4	A	5.4	A	16.9	B	15.9	B
	SBR					1.2	A	0.5	A
Intersection		7.1	A	8.2	A	19.8	B	17.8	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.6	D	47	D	47.2	D	47.2	D
	EBT	38.9	D	38.9	D	40.1	D	40.1	D
	EBR								
	WBL								
	WBT	59.7	E	63	E	62.7	E	62.7	E
	WBR								
	NBL							17	B
	NBT	20.2	C	20.9	C	21.3	C	20.2	C
	NBR	3.5	A	3.5	A	3.5	A	3.5	A
	SBL								
	SBT	22.3	C	23.4	C	24.2	C	24.2	C
Intersection		31.8	C	33	C	33.2	C	32.9	C
Lakeland Avenue & Manton Street	EBL								
	EBT	21.7	C	21.8	C	21.8	C	21.8	C
	EBR								
	WBL								
	WBT	14.5	B	14.5	B	14.7	B	14.7	B
	WBR								
	NBL								
	NBT	5.9	A	6	A	6.1	A	6.1	A
	NBR								
	SBL								
	SBT	6.8	A	7.1	A	7.3	A	7.3	A
Intersection		8.1	A	8.2	A	8.4	A	8.4	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.3	A	1.4	A	1.4	A	1.4	A
	EBT	1.2	A	1.3	A	1.3	A	1.3	A
	EBR								
	WBL								
	WBT	5.5	A	5.7	A	5.8	A	5.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	33.1	C	33.2	C	33.1	C	33.1	C
	SBT								
	SBR	12.9	B	12.8	B	12.9	B	12.9	B
Intersection		4.8	A	4.9	A	4.9	A	4.9	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	4	A	4.2	A	4.2	A	4.2	A
	EBR								
	WBL								
	WBT	4.5	A	4.6	A	4.7	A	4.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23	C	23	C	22.5	C	22.5	C
Intersection		6	A	6.1	A	6.1	A	6.1	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.8	A	5.8	A	5.8	A
	EBR								
	WBL								
	WBT	6.7	A	6.8	A	6.8	A	6.8	A
	WBR	5.2	A	5	A	5	A	5	A
	NBL	36	D	36.5	D	36.5	D	36.5	D
	NBT	28.9	C	28.9	C	28.9	C	28.9	C
	NBR								
	SBL								
	SBT	38.8	D	39.2	D	39.2	D	39.2	D
Intersection		12.1	B	12.3	B	12.2	B	12.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	10.2	B	10.7	B	10.8	B	10.8	B
	EBT	10.3	B	10.9	B	11	B	11	B
	EBR								
	WBL	11.1	B	11	B	11	B	11.2	B
	WBT	12.6	B	13.1	B	13	B	13.1	B
	WBR	2.9	A	3.2	A	3.3	A	3.2	A
	NBL								
	NBT	41.9	D	42	D	42.1	D	42.1	D
	NBR								
	SBL	32.2	C	33.4	C	33.7	C	33.7	C
	SBT	26.9	C	27.2	C	27.7	C	27.7	C
Intersection		17.5	B	18	B	18.1	B	18.2	B
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	21.5	C	21.2	C	20.9	C	20.9	C
	EBT	25.4	C	25	C	25.1	C	25.1	C
	EBR								
	WBL	0.9	A	1.3	A	1.4	A	1.1	A
	WBT	2.2	A	2.6	A	2.6	A	2.5	A
	WBR								
	NBL								
	NBT	19.3	B	18.6	B	19.3	B	19.3	B
	NBR								
	SBL								
	SBT	28.9	C	28.9	C	28.9	C	28.9	C
	SBR	0.5	A	0.5	A	0.5	A	0.5	A
Intersection		10.9	B	11	B	11.1	B	11	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.3	A	0.3	A	0.3	A	0.3	A
	EBT	1.6	A	1.6	A	1.6	A	1.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	12.9	B	11.7	B	11.5	B	14.8	B
	WBT	22.6	C	21.6	C	21.4	C	25.7	C
	WBR								
	NBL								
	NBT	47.3	D	49.6	D	49.4	D	49.4	D
	NBR	2.7	A	3.1	A	3	A	3	A
	SBL								
	SBT	19.5	B	19.8	B	19.6	B	19.6	B
Intersection		17.4	B	17.3	B	17.1	B	19.1	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	44.2	D	44.2	D	44.2	D	42.9	D
	EBR								
	WBL								
	WBT	16.6	B	16.8	B	16.1	B	16.8	B
	WBR								
	NBL	5.1	A	5.5	A	5.7	A	4.2	A
	NBT	6	A	6.6	A	6.8	A	4.7	A
	NBR								
	SBL	6	A	6	A	6.5	A	5.5	A
	SBT	11.9	B	12.9	B	13	B	10.3	B
Intersection		14	B	14.6	B	14.9	B	12.6	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16	B	15.9	B	15.9	B	16	B
	EBR								
	WBL								
	WBT	16.2	B	16.1	B	16.1	B	16.2	B
	WBR								
	NBL								
	NBT	20.1	C	19.9	B	20	B	20	B
	NBR								
	SBL	7.6	A	7.7	A	7.7	A	7.7	A
	SBT	7.9	A	7.9	A	7.9	A	7.9	A
	SBR								
	NWL	7.6	A	7.6	A	7.7	A	7.7	A
Intersection		10.6	B	10.6	B	10.4	B	10.4	B
Cherry Avenue & Brook Street	EBL								
	EBT	9.6	A	9.6	A	9.7	A	9.7	A
	EBR								
	WBL								
	WBT	9.1	A	9.1	A	9.1	A	9.1	A
	WBR								
	NBL								
	NBT	8.5	A	8.5	A	8.5	A	8.5	A
	NBR								
	SBL								
	SBT	9.2	A	9.3	A	9.4	A	9.4	A
Intersection		9.2	A	9.3	A	9.3	A	9.3	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.6	B	17.6	B	17.6	B
	WBT	39.8	D	46.5	D	45.9	D	45.9	D
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	16.1	B	16.2	B	16.7	B	16.7	B
	NBT	3.2	A	3.3	A	3.2	A	3.2	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.6	A	0.7	A	0.7	A	0.7	A
Intersection		28.8	C	33.1	C	32.6	C	32.6	C
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.4	B	19.5	B	19.4	B	19.4	B
	EBT	21.9	C	22.1	C	22.1	C	22.1	C
	EBR	0.6	A	0.7	A	0.8	A	0.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	16.3	B	16.3	B	16.4	B	16.4	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.4	A	3.3	A	3.3	A
	SBT	2.3	A	2.6	A	2.5	A	2.5	A
Intersection		13.6	B	13.8	B	13.7	B	13.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.6	C	30.6	C	30.6	C
	WBT	47.1	D	54.7	D	43.8	D	43.8	D
	WBR	5.2	A	6.7	A	8.9	A	8.9	A
	NBL	49.6	D	49.5	D	53.9	D	51.3	D
	NBT	15	B	14.9	B	14.9	B	17	B
	NBR								
	SBL								
	SBT	67.8	E	81.8	F	111.6	F	40.9	D
	SBR	90.3	F	104.4	F	132.8	F	48	D
Intersection		48.7	D	56.2	E	65.1	E	37.1	D

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.9	C	26.1	C	28.7	C	23.6	C
	EBT	23.4	C	23.3	C	25.3	C	24.3	C
	EBR	7.3	A	8.5	A	15.3	B	16.3	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	34.5	C	35.8	D	34.9	C	33.3	C
	NBR	17.6	B	18.7	B	17.2	B	16.8	B
	SBL	44.5	D	45.7	D	46.8	D	49.6	D
	SBT	31.8	C	32.1	C	29.4	C	28.4	C
Intersection		28.4	C	29	C	29.4	C	28.6	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	19.1	B	19.2	B	19.2	B	19.2	B
	WBT	21.9	C	22.2	C	22.2	C	22.2	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	25.9	C	25.9	C	25.9	C	25.9	C
	NBT	13.8	B	13.8	B	13.7	B	13.7	B
	NBR								
	SBL								
	SBT	18.3	B	18.5	B	18.5	B	18.5	B
	SBR	68.8	E	81.7	F	79.9	E	79.9	E
Intersection		33.4	C	37.2	D	36.6	D	36.6	D
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.2	C	23.4	C	23.4	C	23.4	C
	EBT	20.5	C	20.6	C	20.6	C	20.6	C
	EBR	18.2	B	18.2	B	18.2	B	18.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	23.1	C	23.4	C	23.4	C	23.4	C
	NBR	28.2	C	29.3	C	29.2	C	29.2	C
	SBL	47.4	D	47.7	D	47.6	D	47.6	D
	SBT	6.2	A	6.2	A	6.2	A	6.2	A
Intersection		25.3	C	25.5	C	25.5	C	25.5	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					32.9	C	38	D
	EBT					0.3	A	0.3	A
	EBR	33.4	C	33.4	C				
	WBL					26	C	28.9	C
	WBT	14	B	14	B	5.9	A	5.2	A
	WBR					4.5	A	4.4	A
	NBL	9.8	A	10.2	B	14.8	B	12.1	B
	NBT								
	NBR	2.7	A	2.8	A	4.9	A	4.8	A
	SBL	6.4	A	6.8	A	18.9	B	14.9	B
	SBT					4.4	A	3.4	A
Intersection		8.4	A	8.8	A	16.2	B	13.8	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.2	D	43.5	D	43.7	D	43.7	D
	EBT	41.8	D	42	D	42.2	D	42.2	D
	EBR								
	WBL								
	WBT	47.1	D	47.8	D	47.8	D	47.8	D
	WBR								
	NBL							16.4	B
	NBT	18.4	B	19.3	B	20.7	C	18.2	B
	NBR	4.3	A	4.6	A	5.2	A	4.5	A
	SBL								
	SBT	21.7	C	23.1	C	23.8	C	23.8	C
Intersection		26	C	26.9	C	27.5	C	26.8	C
Lakeland Avenue & Manton Street	EBL	20.9	C	20.9	C	20.9	C	20.9	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.9	B	13.9	B
	WBR								
	NBL								
	NBT	8.4	A	8.7	A	9	A	9	A
	NBR								
	SBL	9.2	A	9.6	A	10	A	10	A
	SBT								
Intersection		10.2	B	10.6	B	10.8	B	10.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.9	A	3	A	3	A
	EBT	3.5	A	3.7	A	3.7	A	3.7	A
	EBR								
	WBL								
	WBT	7.5	A	7.9	A	8	A	8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52	D	52	D	52	D
	SBT								
	SBR	12.6	B	12.4	B	12.4	B	12.4	B
Intersection		6.3	A	6.6	A	6.6	A	6.6	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.3	B	11.3	B	11.6	B	11.6	B
	EBR								
	WBL								
	WBT	5.1	A	5.5	A	5.6	A	5.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	38.7	D	39.3	D	38.9	D	38.9	D
Intersection		10.6	B	11.3	B	11.4	B	11.4	B
Greene Avenue & Montauk Highway	EBL								
	EBT	8.4	A	9.1	A	9.1	A	9.1	A
	EBR								
	WBL								
	WBT	5.9	A	6.1	A	6	A	6	A
	WBR	2.4	A	2.1	A	2.1	A	2.1	A
	NBL	51.9	D	53.9	D	53.5	D	53.5	D
	NBT	36.2	D	36.1	D	36.2	D	36.2	D
	NBR								
	SBL								
	SBT	50.2	D	50.7	D	50.5	D	50.5	D
Intersection		13.8	B	14.3	B	14.2	B	14.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	11.3	B	11.2	B	11.3	B	11.3	B
	EBT	16.7	B	17.1	B	16.9	B	16.9	B
	EBR								
	WBL	12.4	B	13	B	13.3	B	13.3	B
	WBT	16.9	B	17.6	B	18.1	B	18.1	B
	WBR	4.8	A	5	A	5.1	A	5.1	A
	NBL								
	NBT	50.5	D	51	D	51	D	51	D
	NBR								
	SBL	63.2	E	81.7	F	81.5	F	81.5	F
	SBT	31.7	C	32.9	C	33.2	C	33.2	C
Intersection		25.8	C	28.7	C	28.8	C	28.8	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	26.5	C	26.3	C	26.3	C
	EBT	53.6	D	60.9	E	60.8	E	60.8	E
	EBR								
	WBL	1.8	A	1.8	A	1.8	A	1.8	A
	WBT	2.5	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	25.1	C	25.2	C	24.7	C	24.7	C
	NBR								
	SBL								
	SBT	42.1	D	42.3	D	42.4	D	42.4	D
	SBR	3.1	A	3.5	A	3.5	A	3.5	A
Intersection		25.6	C	28.4	C	28.4	C	28.4	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.6	A	0.6	A	0.6	A	0.6	A
	EBT	3.2	A	3.4	A	3.4	A	3.4	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	22.8	C	28.4	C	28	C	28	C
	WBT	20.3	C	22.1	C	22.1	C	22.1	C
	WBR								
	NBL								
	NBT	54	D	58.6	E	58.2	E	58.2	E
	NBR	6.7	A	6.7	A	6.7	A	6.7	A
	SBL								
	SBT	26.6	C	27.1	C	27.3	C	27.3	C
Intersection		17.7	B	19.2	B	19.1	B	19.1	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	52.6	D	52.6	D	52.6	D
	EBR								
	WBL								
	WBT	2.8	A	3	A	2.7	A	2.7	A
	WBR								
	NBL	11.3	B	12.1	B	12.3	B	12.3	B
	NBT	17.1	B	18.2	B	18.3	B	18.3	B
	NBR								
	SBL	6.7	A	7	A	7.1	A	7.1	A
	SBT	11.2	B	12.1	B	12.2	B	12.2	B
Intersection		18.4	B	19.2	B	19.4	B	19.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.5	B	16.5	B	16.5	B	16.5	B
	EBR								
	WBL								
	WBT	16.9	B	16.8	B	16.9	B	16.9	B
	WBR								
	NBL								
	NBT	16.9	B	16.9	B	16.9	B	16.9	B
	NBR								
	SBL	4.2	A	4.2	A	4.2	A	4.2	A
	SBT	4.2	A	4.2	A	4.2	A	4.2	A
	SBR								
	NWL	4.2	A	4.2	A	4.2	A	4.2	A
Intersection		6.1	A	6	A	5.9	A	5.9	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	11.7	B	11.8	B	11.8	B
	EBR								
	WBL								
	WBT	10.1	B	10.6	B	10.6	B	10.6	B
	WBR								
	NBL								
	NBT	9.1	A	9.3	A	9.3	A	9.3	A
	NBR								
	SBL								
	SBT	11.1	B	12.2	B	12.4	B	12.4	B
Intersection		10.5	B	11.3	B	11.4	B	11.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.4	B	18.5	B	18.5	B	18.5	B
	WBT	51.8	D	62.4	E	61.2	E	61.2	E
	WBR	0.4	A	0.4	A	0.4	A	0.4	A
	NBL	17.8	B	18	B	18.3	B	18.3	B
	NBT	5	A	5.1	A	4.8	A	4.8	A
	NBR								
	SBL								
	SBT	20.2	C	20.2	C	20.2	C	20.2	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		35.7	D	42.2	D	41.4	D	41.4	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.2	C	20.3	C	20.2	C	20.2	C
	EBT	21.5	C	21.7	C	21.8	C	21.8	C
	EBR	0.6	A	0.6	A	0.8	A	0.7	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.4	B	17.6	B	17.7	B	17.7	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.1	A	3.2	A	3.3	A	3.3	A
	SBT	3	A	3	A	3	A	3	A
Intersection		12.9	B	13	B	13.1	B	13.1	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	30.6	C	31.4	C	34.6	C	34.6	C
	WBT	134	F	154.4	F	152.2	F	152.2	F
	WBR	14.3	B	16.3	B	18.9	B	18.9	B
	NBL	46.9	D	46.6	D	49.2	D	48.5	D
	NBT	15.4	B	15.4	B	15.2	B	17.4	B
	NBR								
	SBL								
	SBT	65.8	E	80	E	117	F	48.6	D
	SBR	84.7	F	99	F	132.9	F	40.2	D
Intersection		74.1	E	85.4	F	95.7	F	69.9	E

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25	C	25.1	C	27.8	C	22.8	C
	EBT	23.2	C	23.2	C	25.3	C	24.4	C
	EBR	6	A	7.3	A	15.1	B	16	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	32.3	C	33.3	C	32.9	C	31.8	C
	NBR	18	B	19	B	18	B	17.6	B
	SBL	44.5	D	44.6	D	41.2	D	46.2	D
	SBT	31.3	C	31.6	C	28.8	C	27.9	C
Intersection		27	C	27.5	C	27.7	C	27.2	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.5	C	20.6	C	20.6	C	20.6	C
	WBT	23.6	C	24.1	C	24.1	C	24.1	C
	WBR	19.9	B	20.1	C	20.1	C	20.1	C
	NBL	27.9	C	27.7	C	27.8	C	27.8	C
	NBT	13.6	B	13.6	B	13.6	B	13.6	B
	NBR								
	SBL								
	SBT	18.7	B	19	B	19	B	19	B
	SBR	38.3	D	41.9	D	41.7	D	41.7	D
Intersection		24.2	C	25.2	C	25.1	C	25.1	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.1	C	23.3	C	23.2	C	23.2	C
	EBT	21	C	21	C	21	C	21	C
	EBR	18	B	17.9	B	17.9	B	17.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.5	C	22.8	C	22.7	C	22.7	C
	NBR	26.6	C	27.7	C	27.5	C	27.5	C
	SBL	44.1	D	44.3	D	44.2	D	44.2	D
	SBT	6.7	A	6.7	A	6.7	A	6.7	A
Intersection		24.6	C	24.8	C	24.7	C	24.7	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					32.9	C	37.1	D
	EBT					0.3	A	0.3	A
	EBR	31.6	C	31.7	C				
	WBL					24.6	C	27.2	C
	WBT	13.8	B	13.7	B	4.2	A	3.8	A
	WBR					4.6	A	4.5	A
	NBL	7.8	A	8	A	14.1	B	11.2	B
	NBT								
	NBR	2.3	A	2.3	A	4.7	A	4.6	A
	SBL	5.7	A	6.1	A	20.9	C	16.7	B
	SBT					4.4	A	3.4	A
Intersection		7	A	7.3	A	17	B	14.3	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.1	D	46.1	D	46.1	D	46.1	D
	EBT	40	D	40.6	D	41	D	41	D
	EBR								
	WBL	51.6	D	53.8	D	53.6	D	53.6	D
	WBT								
	WBR								
	NBL							19.1	B
	NBT	18.9	B	19.8	B	21.4	C	17.9	B
	NBR	3.4	A	3.5	A	4.1	A	3.4	A
	SBL								
	SBT	28.1	C	30.5	C	31.9	C	31.9	C
Intersection		30.2	C	31.9	C	32.7	C	32	C
Lakeland Avenue & Manton Street	EBL	21.7	C	21.8	C	21.8	C	21.8	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.8	B	13.8	B
	WBR								
	NBL								
	NBT	7.7	A	8	A	8.3	A	8.3	A
	NBR								
	SBL								
	SBT	11.2	B	12.2	B	12.6	B	12.6	B
Intersection		11.2	B	11.8	B	12	B	12	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.5	A	2.6	A	2.7	A	2.7	A
	EBT	3.7	A	3.9	A	3.9	A	3.9	A
	EBR								
	WBL								
	WBT	7.2	A	7.5	A	7.6	A	7.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	53.4	D	53.7	D	53.7	D	53.7	D
	SBT								
	SBR	12.2	B	12	B	12	B	12	B
Intersection		6.8	A	7	A	7.1	A	7.1	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	9	A	9.6	A	9.9	A	9.9	A
	EBR								
	WBL								
	WBT	5.3	A	5.2	A	5.2	A	5.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	31	C	31.6	C	31.4	C	31.4	C
Intersection		8.9	A	9.1	A	9.3	A	9.3	A
Greene Avenue & Montauk Highway	EBL								
	EBT	9	A	8.9	A	9	A	9	A
	EBR								
	WBL								
	WBT	5.3	A	6.5	A	6.4	A	6.4	A
	WBR	2.2	A	2.5	A	2.5	A	2.5	A
	NBL	63.4	E	65.4	E	65.4	E	65.4	E
	NBT	34.5	C	34.2	C	34.2	C	34.2	C
	NBR								
	SBL								
	SBT	52.4	D	53	D	53	D	53	D
Intersection		16.4	B	16.9	B	16.9	B	16.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.9	B	13.7	B	13.7	B	13.7	B
	EBT	20.4	C	20.6	C	20.5	C	20.5	C
	EBR								
	WBL	15.6	B	15.8	B	15.8	B	15.8	B
	WBT	20	C	21.2	C	21.4	C	21.4	C
	WBR	5.3	A	5.7	A	5.7	A	5.7	A
	NBL								
	NBT	52.9	D	52.9	D	52.9	D	52.9	D
	NBR								
	SBL	73	E	93.8	F	93.8	F	93.8	F
	SBT	31.2	C	32.1	C	32.6	C	32.6	C
Intersection		30.3	C	33.7	C	33.7	C	33.7	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	28	C	27.9	C	27.9	C
	EBT	56.8	E	70.9	E	70.4	E	70.4	E
	EBR								
	WBL	2	A	2.4	A	2.4	A	2.4	A
	WBT	2.8	A	3.2	A	3.2	A	3.2	A
	WBR								
	NBL								
	NBT	20.5	C	20.2	C	20.2	C	20.2	C
	NBR								
	SBL								
	SBT	42.2	D	42.4	D	42.2	D	42.2	D
	SBR	4.8	A	5.4	A	5.4	A	5.4	A
Intersection		27.1	C	32.7	C	32.5	C	32.5	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.7	A	0.7	A	0.8	A	0.8	A
	EBT	3.9	A	4.5	A	4.5	A	4.5	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	38.2	D	58.5	E	57.4	E	57.4	E
	WBT	24.7	C	27.3	C	27.1	C	27.1	C
	WBR								
	NBL								
	NBT	58	E	58.8	E	58.1	E	58.1	E
	NBR	7.4	A	7.3	A	7.3	A	7.3	A
	SBL								
	SBT	24.6	C	25.2	C	25.3	C	25.3	C
Intersection		19.9	B	22.3	C	22.1	C	22.1	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	41	D	42.2	D	42.5	D	42.5	D
	EBR								
	WBL								
	WBT	26	C	26.4	C	25.8	C	25.8	C
	WBR								
	NBL	9.6	A	10.3	B	10.3	B	10.3	B
	NBT	15.6	B	17.1	B	17.1	B	17.1	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	9.6	A	10.2	B	10.3	B	10.3	B
Intersection		15.8	B	16.8	B	16.9	B	16.9	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.6	B	15.4	B	15.6	B	15.6	B
	EBR								
	WBL								
	WBT	16.1	B	15.9	B	16	B	16	B
	WBR								
	NBL								
	NBT	16.2	B	15.9	B	16.2	B	16.2	B
	NBR								
	SBL	4.3	A	4.3	A	4.3	A	4.3	A
	SBT	4.3	A	4.3	A	4.3	A	4.3	A
	SBR								
	NWL	4.4	A	4.5	A	4.4	A	4.4	A
Intersection		6.6	A	6.6	A	6.4	A	6.4	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.7	B	10.8	B	10.8	B
	EBR								
	WBL								
	WBT	10.3	B	10.3	B	10.4	B	10.4	B
	WBR								
	NBL								
	NBT	9.5	A	9.6	A	9.6	A	9.6	A
	NBR								
	SBL								
	SBT	10.4	B	10.5	B	10.6	B	10.6	B
Intersection		10.3	B	10.4	B	10.4	B	10.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.5	B	17.5	B	17.5	B
	WBT	18.9	B	18.9	B	18.8	B	18.8	B
	WBR	0.2	A	0.3	A	0.2	A	0.2	A
	NBL	15.9	B	16	B	16.7	B	16.7	B
	NBT	2.8	A	2.9	A	2.8	A	2.8	A
	NBR								
	SBL								
	SBT	18.8	B	19	B	19	B	19	B
	SBR	0.4	A	0.4	A	0.4	A	0.4	A
Intersection		13.3	B	13.2	B	13.4	B	13.4	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.3	C	20.3	C	20.4	C	20.4	C
	EBT	20.9	C	21	C	21.1	C	21.1	C
	EBR	0.6	A	0.6	A	0.7	A	0.7	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.8	B	15.9	B	15.9	B	15.9	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.3	A	3.3	A	3.3	A
	SBT	2.7	A	2.8	A	2.8	A	2.8	A
Intersection		12.7	B	12.7	B	12.8	B	12.8	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.2	C	30.7	C	29.3	C
	WBT	27.8	C	27.9	C	28.2	C	27	C
	WBR	8	A	9.6	A	11.8	B	11.3	B
	NBL	52.8	D	54.1	D	63.4	E	54.7	D
	NBT	15.2	B	16.5	B	16.8	B	20	C
	NBR								
	SBL								
	SBT	30.4	C	31.9	C	32.7	C	29.9	C
	SBR	35.7	D	38	D	40.9	D	32.6	C
Intersection		27.1	C	28.1	C	30.3	C	28.5	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	27.6	C	28.1	C	30	C	26.1	C
	EBT	25.2	C	25.4	C	26.7	C	23.9	C
	EBR	4.7	A	5.9	A	12.3	B	12.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	28.8	C	29.3	C	29.8	C	29.3	C
	NBR	7.9	A	9.5	A	11.5	B	11.4	B
	SBL	42	D	42.3	D	42.2	D	43.1	D
	SBT	21.6	C	22.3	C	20.4	C	16.5	B
Intersection		23.2	C	23.8	C	24.7	C	23.1	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.6	B	18.6	B	18.6	B	18.6	B
	WBT	21.7	C	21.9	C	21.8	C	21.8	C
	WBR	20.7	C	20.9	C	20.8	C	20.8	C
	NBL	29.8	C	29.9	C	29.9	C	29.9	C
	NBT	13.2	B	13.3	B	13.3	B	13.3	B
	NBR								
	SBL								
	SBT	18.5	B	18.7	B	18.7	B	18.7	B
	SBR	23.2	C	23.7	C	23.7	C	23.7	C
Intersection		20.4	C	20.6	C	20.6	C	20.6	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	24.2	C	24.3	C	24.3	C	24.3	C
	EBT	20.4	C	20.3	C	20.3	C	20.3	C
	EBR	17.7	B	17.6	B	17.5	B	17.5	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.5	B	19.5	B	19.5	B
	NBR	22.2	C	22.7	C	22.7	C	22.7	C
	SBL	41.2	D	41.4	D	41.3	D	41.3	D
	SBT	6.8	A	6.9	A	6.9	A	6.9	A
Intersection		22.9	C	23.1	C	23	C	23	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.4	C	31.5	C
	EBT					1.1	A	0.6	A
	EBR	32.3	C	32.4	C				
	WBL					25	C	23.4	C
	WBT	13.4	B	13.3	B	8.3	A	6.5	A
	WBR					4.6	A	4.8	A
	NBL	9	A	9.4	A	15.2	B	12.5	B
	NBT								
	NBR	2.5	A	2.5	A	4.7	A	4.9	A
	SBL	5.1	A	5.3	A	15	B	13.2	B
	SBT					3.6	A	2.5	A
Intersection		7.7	A	8	A	14.9	B	12.8	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.1	D	43.5	D	44.1	D	43.9	D
	EBT	38.8	D	38.9	D	40	D	39.9	D
	EBR								
	WBL								
	WBT	46.5	D	47.3	D	48.1	D	47.9	D
	WBR								
	NBL							16.8	B
	NBT	20.1	C	21.3	C	23.7	C	20.1	C
	NBR	5.3	A	5.8	A	6.4	A	5.8	A
	SBL								
	SBT	21.3	C	22.7	C	24.3	C	24.4	C
Intersection		25.3	C	26.3	C	27.9	C	26.7	C
Lakeland Avenue & Manton Street	EBL	18.9	B	18.9	B	18.9	B	18.9	B
	EBT								
	EBR								
	WBL								
	WBT	15.4	B	15.4	B	15.4	B	15.4	B
	WBR								
	NBL								
	NBT	8.5	A	9	A	9.9	A	9.9	A
	NBR								
	SBL								
	SBT	9.9	A	10.7	B	11.6	B	11.6	B
Intersection		10.1	B	10.6	B	11.4	B	11.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.8	A	1.8	A	1.9	A	1.9	A
	EBT	2.6	A	2.7	A	2.8	A	2.8	A
	EBR								
	WBL								
	WBT	5.8	A	6.4	A	6.6	A	6.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52.1	D	52.1	D	52.1	D
	SBT								
	SBR	11.4	B	11.4	B	11.1	B	11.1	B
Intersection		5.6	A	5.9	A	6	A	6	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.3	A	6.6	A	6.9	A	6.9	A
	EBR								
	WBL								
	WBT	4.9	A	5.2	A	5.4	A	5.3	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23.4	C	23.7	C	24.2	C	24.2	C
Intersection		6.9	A	7.2	A	7.5	A	7.4	A
Greene Avenue & Montauk Highway	EBL								
	EBT	6.7	A	7	A	7.3	A	7.3	A
	EBR								
	WBL								
	WBT	5.4	A	5.3	A	5.7	A	5.7	A
	WBR	3.9	A	3.6	A	3.7	A	3.7	A
	NBL	63	E	65.2	E	65.5	E	65.5	E
	NBT	36.9	D	36.6	D	36.7	D	36.7	D
	NBR								
	SBL								
	SBT	52.1	D	52.1	D	52.2	D	52.2	D
Intersection		15.7	B	15.9	B	15.9	B	15.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	16.5	B	16.7	B	17.1	B	17.8	B
	EBT	20	B	20.1	C	19.7	B	20.3	C
	EBR								
	WBL	15.7	B	16.7	B	16.9	B	17.7	B
	WBT	19.6	B	21.5	C	22.2	C	23.5	C
	WBR	5.4	A	5.7	A	6.1	A	6.3	A
	NBL								
	NBT	53.8	D	53.5	D	53.8	D	53.5	D
	NBR								
	SBL	67.7	E	78.7	E	81.6	F	71.7	E
	SBT	30.3	C	30.6	C	32	C	31	C
Intersection		29.8	C	32.1	C	32.7	C	31.6	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	28.3	C	30.5	C	30.5	C	30.7	C
	EBT	30.4	C	31.7	C	31.9	C	31.9	C
	EBR								
	WBL	1.9	A	2.1	A	2.3	A	2.2	A
	WBT	3.3	A	3.5	A	3.7	A	3.6	A
	WBR								
	NBL								
	NBT	21	C	21.1	C	20.6	C	20.6	C
	NBR								
	SBL								
	SBT	40.9	D	41.4	D	41.2	D	41.2	D
	SBR	1.2	A	1.3	A	1.3	A	1.3	A
Intersection		15.2	B	15.9	B	16	B	16	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.3	A	1.5	A	1.4	A	1.4	A
	EBT	3	A	3.2	A	3.1	A	3.1	A
	EBR	0.2	A	0.2	A	0.2	A	0.2	A
	WBL	22	C	24.6	C	24.6	C	25.9	C
	WBT	21.8	C	22.7	C	22.5	C	23.6	C
	WBR								
	NBL								
	NBT	49.3	D	50.7	D	49.8	D	49.8	D
	NBR	7.4	A	7.3	A	7.2	A	7.2	A
	SBL								
	SBT	25	C	25.2	C	25.1	C	25.1	C
Intersection		17.5	B	18.2	B	18	B	18.5	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	50.5	D	51.1	D	51.9	D	48.7	D
	EBT								
	EBR								
	WBL	31	C	31	C	30	C	31	C
	WBT								
	WBR								
	NBL	11.6	B	11.8	B	12.2	B	10.9	B
	NBT	16.2	B	16.3	B	16.7	B	14.5	B
	NBR	6	A	6	A	6	A	6	A
	SBL								
	SBT								
Intersection		17.6	B	18.3	B	19	B	16.2	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	15.7	B	15.7	B	15.6	B	15.6	B
	EBT								
	EBR								
	WBL	16.2	B	16.1	B	16.2	B	16.2	B
	WBT								
	WBR								
	NBL	20.4	C	20.1	C	20.3	C	20.3	C
	NBT								
	NBR								
	SBL	7.4	A	7.5	A	7.4	A	7.4	A
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
	SBR	7.6	A	7.6	A	7.6	A	7.6	A
	NWL								
Intersection		9.8	A	9.9	A	9.6	A	9.6	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.5	B	10.6	B	10.6	B
	EBT								
	EBR								
	WBL	10.2	B	10.2	B	10.1	B	10.1	B
	WBT								
	WBR								
	NBL	9.4	A	9.4	A	9.4	A	9.4	A
	NBT								
	NBR								
	SBL	10.5	B	10.5	B	10.7	B	10.7	B
	SBT								
Intersection		10.2	B	10.3	B	10.3	B	10.3	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 4 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	24.2	C	26.5	D	40.6	E	39.8	E
Lakeland Avenue & Chester Road	EB	50.5	F	63.2	F	96.5	F	94.9	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	17.0	C	16.9	C	16.9	C
	WB	17.7	C	18.9	C	19.4	C	19.4	C
	NB	0.1	A	0.2	A	0.1	A	0.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	17.1	C	18.0	C	19.3	C	19.3	C
	NB	9.1	A	9.2	A	9.3	A	2.0	A
Railroad Avenue & Hiddink Street	WB	14.4	B	14.9	B	15.4	C	15.4	C
	NB	0.0		0.0		0.0		0.0	
	SB	2.2	A	2.3	A	2.4	A	2.4	A
Railroad Avenue & Center Street	EB	16.0	C	16.6	C	16.6	C	16.6	C
	NB	1.3	A	1.3	A	1.3	A	1.3	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.1	A	1.1	A	1.1	A	1.1	A
	WB	0.4	A	0.4	A	0.4	A	0.4	A
	NB	13.6	B	14.0	B	14.2	B	14.2	B
	SB	13.7	B	14.1	B	14.2	B	14.2	B
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.3	B	10.3	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	11.0	B	11.0	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.5	B	10.5	B	10.7	B	10.7	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.1	A	8.1	A
	WB	8.0	A	8.0	A	8.1	A	8.1	A
	SB	7.2	A	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.7	A	9.7	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis

Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.0	A	8.1	A	8.3	A	8.3	A
	WB	9.0	A	9.1	A	9.2	A	9.2	A
	NB	8.4	A	8.5	A	8.7	A	8.7	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.8	A	1.8	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.3	A	9.4	A	9.9	A	9.9	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	3.1	A	4.9	A	4.9	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	6.1	A	6.1	A	6.1	A	6.1	A
Lincoln Avenue & Hiddink Street	EB	8.7	A	8.8	A	8.9	A	8.9	A
	WB	8.6	A	8.7	A	8.8	A	8.8	A
	NB	9.0	A	9.1	A	9.1	A	9.1	A
	SB	9.1	A	9.3	A	9.3	A	9.3	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.0	A	4.0	A
	NB	0.0	A	0.0	A	9.3	A	9.3	A
Terry Road & Site Access	EB	0.0		0.0		0.3	A	0.3	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	9.9	A	9.9	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.0	C	20.0	C	24.1	C	25.0	D
	NB	10.1	B	10.4	B	11.3	B	11.3	B
Lakeland Avenue & Chester Road	EB	93.2	F	134.2	F	262.9	F	220.2	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	17.5	C	18.2	C	18.9	C	18.9	C
	WB	23.0	C	24.8	C	26.6	D	26.6	D
	NB	1.1	A	1.2	A	1.1	A	1.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	22.7	C	25.0	C	29.2	D	29.2	D
	NB	3.0	A	3.1	A	3.2	A	3.2	A
Railroad Avenue & Hiddink Street	WB	19.2	C	20.4	C	20.8	C	20.8	C
	NB	0.0		0.0		0.0		0.0	
	SB	3.6	A	3.7	A	3.8	A	3.8	A
Railroad Avenue & Center Street	EB	21.7	C	23.6	C	21.6	C	21.6	C
	NB	1.4	A	1.4	A	1.4	A	1.4	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.8	A	2.0	A	2.0	A	2.0	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	53.6	F	64.6	F	67.4	F	67.4	F
	SB	18.0	C	19.0	C	19.1	C	19.1	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.4	B	10.5	B	10.7	B	10.7	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.4	B	11.5	B	11.7	B	11.7	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.0	B	10.1	B	10.2	B	10.2	B
Terry Road & Sterling Place	EB	8.4	A	8.5	A	8.6	A	8.6	A
	WB	8.1	A	8.1	A	8.2	A	8.2	A
	SB	7.2	A	7.3	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.7	A	9.7	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.9	A	9.1	A	9.3	A	9.3	A
	WB	10.5	B	10.7	B	11.0	B	11.0	B
	NB	10.0	A	10.2	B	10.5	B	10.5	B
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.0	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	10.0	B	10.0	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.9	A	9.8	A	10.1	B	10.1	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.8	A	0.8	A	3.4	A	3.4	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	3.0	A	3.0	A	3.0	A	3.0	A
Lincoln Avenue & Hiddink Street	EB	10.3	B	10.6	B	10.7	B	10.7	B
	WB	9.0	A	9.1	A	9.1	A	9.1	A
	NB	10.0	A	10.2	B	10.3	B	10.3	B
	SB	10.5	B	10.7	B	10.8	B	10.8	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.0	A	5.0	A
	NB	0.0	A	0.0	A	10.3	B	10.3	B
Terry Road & Site Access	EB	0.0		0.0		0.5	A	0.5	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	25.8	D	27.8	D	32.7	D	35.6	E
	NB	10.6	B	10.9	B	12.0	B	12.0	B
Lakeland Avenue & Chester Road	EB	73.2	F	98.6	F	232.2	F	187.9	F
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	16.7	C	18.6	C	17.9	C	17.9	C
	WB	20.7	C	22.7	C	23.2	C	23.2	C
	NB	0.1	A	0.1	A	0.1	A	0.1	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	20.4	C	22.3	C	25.1	D	25.1	D
	NB	2.5	A	2.7	A	2.7	A	2.7	A
Railroad Avenue & Hiddink Street	WB	22.7	C	25.1	D	25.6	D	25.6	D
	NB	0.0		0.0		0.0		0.0	
	SB	3.5	A	3.6	A	3.7	A	3.7	A
Railroad Avenue & Center Street	EB	23.4	C	25.6	D	23.6	C	23.6	C
	NB	1.9	A	2.0	A	2.0	A	2.0	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.4	A	2.6	A	2.6	A	2.6	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	31.7	D	36.1	E	36.5	E	36.5	E
	SB	18.2	C	19.4	C	18.0	C	18.0	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.7	A	10.3	B	10.3	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	11.1	B	11.2	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.2	A	0.2	A	0.2	A	0.2	A
	NB	10.8	B	10.9	B	11.1	B	11.1	B
Terry Road & Sterling Place	EB	8.2	A	8.3	A	8.4	A	8.4	A
	WB	7.9	A	8.0	A	8.1	A	8.1	A
	SB	7.1	A	7.1	A	7.1	A	7.1	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.7	A	9.9	A	9.9	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.4	A	8.5	A	8.7	A	8.7	A
	WB	10.2	B	10.5	B	10.7	B	10.7	B
	NB	9.0	A	9.2	A	9.4	A	9.4	A
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.1	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.5	B	10.6	B	10.8	B	10.8	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.8	A	9.9	A	10.2	B	10.2	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.3	A	3.5	A	5.3	A	5.3	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	4.6	A	4.6	A	4.6	A	4.6	A
Lincoln Avenue & Hiddink Street	EB	10.2	B	10.4	B	10.5	B	10.5	B
	WB	9.2	A	9.4	A	9.4	A	9.4	A
	NB	10.5	B	10.9	B	11.0	B	11.0	B
	SB	10.8	B	11.1	B	11.2	B	11.2	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.8	A	4.8	A
	NB	0.0	A	0.0	A	10.5	B	10.5	B
Terry Road & Site Access	EB	0.0		0.0		0.6	A	0.6	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.1	B	10.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis

Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.2	C	20.0	C	24.7	C	24.8	C
	NB	9.4	A	9.5	A	10.0	A	10.0	A
Lakeland Avenue & Chester Road	EB	65.7	F	86.6	F	151.4	F	149.1	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	20.1	C	21.4	C	23.7	C	23.7	C
	WB	31.1	D	36.4	E	43.3	E	43.3	E
	NB	0.4	A	0.4	A	0.4	A	0.4	A
	SB	0.6	A	0.7	A	0.7	A	0.7	A
Railroad Avenue & Depot Street	EB	37.9	E	46.0	E	63.8	F	63.8	F
	NB	3.2	A	3.4	A	3.6	A	3.6	A
Railroad Avenue & Hiddink Street	WB	32.5	D	Err	F	46.8	E	46.8	E
	NB	0.0		0.0		0.0		0.0	
	SB	2.7	A	15.1	C	3.3	A	3.3	A
Railroad Avenue & Center Street	EB	25.9	D	28.4	D	29.9	D	29.9	D
	NB	1.9	A	2.0	A	1.9	A	1.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.2	A	1.3	A	1.3	A	1.3	A
	WB	0.5	A	0.6	A	0.6	A	0.6	A
	NB	42.9	E	54.8	F	55.5	F	55.5	F
	SB	17.8	C	18.8	C	19.2	C	19.2	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.1	B	10.1	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	10.9	B	10.9	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	9.9	A	10.0	B	10.3	B	10.3	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.1	A	8.1	A
	WB	7.8	A	7.8	A	8.0	A	8.0	A
	SB	7.1	A	7.1	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis

Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.3	A	8.6	A	8.6	A
	WB	9.0	A	9.1	A	9.5	A	9.5	A
	NB	8.6	A	8.7	A	9.1	A	9.1	A
Tariff Street/Terry Road & Chester Road	EB	1.3	A	1.3	A	1.2	A	1.2	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.8	A	9.8	A	10.0	B	10.0	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	10.0	B	10.0	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.1	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.9	A	2.0	A	3.4	A	3.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.2	A	1.2	A	1.2	A	1.2	A
Carrie Avenue & Sterling Place	EB	8.6	A	8.6	A	8.6	A	8.6	A
Lincoln Avenue & Hiddink Street	EB	10.1	B	10.3	B	10.6	B	10.6	B
	WB	9.7	A	9.9	A	10.1	B	10.1	B
	NB	10.4	B	10.6	B	10.9	B	10.9	B
	SB	11.2	B	11.5	B	11.8	B	11.8	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.8	A	4.8	A
	NB	0.0	A	0.0	A	9.8	A	9.8	A
Terry Road & Site Access	EB	0.0		0.0		0.4	A	0.4	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.1	B	17.1	B	17.1	B	17.1	B
	WBT	18.6	B	18.6	B	18.6	B	18.6	B
	WBR	0.2	A	0.2	A	0.2	A	0.2	A
	NBL	17.5	B	18	B	19.1	B	19.1	B
	NBT	6.9	A	7.2	A	7.8	A	7.8	A
	NBR								
	SBL								
	SBT	18.8	B	19	B	19	B	19	B
	SBR	0.2	A	0.2	A	0.2	A	0.2	A
Intersection		14.4	B	14.5	B	14.8	B	14.8	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.4	C	20.5	C	20.5	C	20.5	C
	EBT	21.2	C	21.2	C	21.2	C	21.2	C
	EBR	0.4	A	0.5	A	0.5	A	0.5	A
	WBL								
	WBT								
	WBR							dd	
	NBL								
	NBT	14.8	B	14.9	B	15.6	B	15.6	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	8	A	8.1	A	8.2	A	8.2	A
	SBT	7.7	A	7.8	A	7.8	A	7.8	A
Intersection		13.5	B	13.6	B	13.8	B	13.8	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.8	C	23.9	C	24.6	C	23.8	C
	WBT	25.3	C	25.3	C	25.5	C	24.8	C
	WBR	28.6	C	30.3	C	30.5	C	29	C
	NBL	53.5	D	54.3	D	59.9	E	58.2	E
	NBT	13.8	B	14.7	B	17.3	B	18	B
	NBR								
	SBL								
	SBT	30.5	C	31.5	C	33.4	C	29.3	C
	SBR	34.5	C	36.6	D	39	D	33.2	C
Intersection		26	C	26.9	C	29.1	C	27.9	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	34	C	35.8	D	44.1	D	30.2	C
	EBT	28.1	C	29.3	C	35	D	25.3	C
	EBR	6.1	A	6.6	A	7.6	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.4	C	34	C	36	D	35.3	D
	NBR	15.6	B	16.1	B	15.9	B	16	B
	SBL	42.9	D	43.5	D	43.4	D	40.6	D
	SBT	13.5	B	13.3	B	13.1	B	14.1	B
Intersection		26.2	C	27	C	30.2	C	25.6	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.3	C	23.3	C	23.3	C
	WBT	25	C	25.1	C	25	C	25	C
	WBR	37.1	D	38.4	D	38.2	D	38.2	D
	NBL	35.9	D	35	D	35.2	D	35.2	D
	NBT	19.8	B	19.6	B	19.5	B	19.5	B
	NBR								
	SBL								
	SBT	17.1	B	18.1	B	18.1	B	18.1	B
	SBR	19.4	B	20.9	C	20.9	C	20.9	C
Intersection		25.3	C	25.7	C	25.7	C	25.7	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	31.9	C	32.7	C	32.6	C	32.6	C
	EBT	19.7	B	19.8	B	19.8	B	19.8	B
	EBR	19.9	B	20	B	20	B	20	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	20.5	C	20.6	C	20.6	C	20.6	C
	NBR	23.3	C	23.6	C	23.6	C	23.6	C
	SBL	42.5	D	42.5	D	42.4	D	42.4	D
	SBT	12.6	B	12.9	B	12.8	B	12.8	B
Intersection		25	C	25.2	C	25.2	C	25.2	C

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					34.9	C	33.3	C
	EBR					0.3	A	0.3	A
	WBL	30.7	C	30.7	C				
	WBT					22.4	C	20.7	C
	WBR	13.9	B	13.9	B	4.7	A	2.9	A
	NBL					5.4	A	5.2	A
	NBT	8.8	A	10.2	B	22.9	C	20.8	C
	NBR								
	SBL	2.3	A	2.5	A	6	A	6.2	A
	SBT	4.4	A	5.4	A	16.9	B	17.3	B
	SBR					1.2	A	0.4	A
Intersection		7.1	A	8.2	A	19.8	B	18.8	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.6	D	47	D	47.2	D	47.2	D
	EBT	38.9	D	38.9	D	40.1	D	40.1	D
	EBR								
	WBL								
	WBT	59.7	E	64.2	E	64.7	E	64.7	E
	WBR								
	NBL							17	B
	NBT	20.2	C	20.9	C	21.3	C	20.2	C
	NBR	3.5	A	3.5	A	3.5	A	3.5	A
	SBL								
	SBT	22.3	C	23.4	C	24.2	C	24.2	C
Intersection		31.8	C	33.3	C	33.6	C	33.3	C
Lakeland Avenue & Manton Street	EBL								
	EBT	21.7	C	21.8	C	21.8	C	21.8	C
	EBR								
	WBL								
	WBT	14.5	B	14.5	B	14.7	B	14.7	B
	WBR								
	NBL								
	NBT	5.9	A	6	A	6.1	A	6.1	A
	NBR								
	SBL								
	SBT	6.8	A	7.1	A	7.4	A	7.4	A
Intersection		8.1	A	8.2	A	8.4	A	8.4	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.3	A	1.4	A	1.4	A	1.4	A
	EBT	1.2	A	1.3	A	1.3	A	1.3	A
	EBR								
	WBL								
	WBT	5.5	A	5.8	A	5.8	A	5.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	33.1	C	33.2	C	33.1	C	33.1	C
	SBT								
	SBR	12.9	B	12.8	B	12.9	B	12.9	B
Intersection		4.8	A	4.9	A	5	A	5	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	4	A	4.2	A	4.2	A	4.2	A
	EBR								
	WBL								
	WBT	4.5	A	4.7	A	4.7	A	4.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23	C	23	C	22.5	C	22.5	C
Intersection		6	A	6.1	A	6.1	A	6.1	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.8	A	5.9	A	5.9	A
	EBR								
	WBL								
	WBT	6.7	A	6.8	A	6.8	A	6.8	A
	WBR	5.2	A	4.9	A	4.8	A	4.8	A
	NBL	36	D	36.5	D	36.5	D	36.5	D
	NBT	28.9	C	28.9	C	28.9	C	28.9	C
	NBR								
	SBL								
	SBT	38.8	D	39.2	D	39.2	D	39.2	D
Intersection		12.1	B	12.2	B	12.2	B	12.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	10.2	B	10.9	B	11	B	11	B
	EBT	10.3	B	11	B	11.1	B	11.1	B
	EBR								
	WBL	11.1	B	11	B	10.9	B	11.1	B
	WBT	12.6	B	13.1	B	13.1	B	13.2	B
	WBR	2.9	A	3.3	A	3.3	A	3.2	A
	NBL								
	NBT	41.9	D	42	D	42.1	D	42.1	D
	NBR								
	SBL	32.2	C	33.7	C	33.9	C	33.9	C
	SBT	26.9	C	27.4	C	28.1	C	28.1	C
Intersection		17.5	B	18	B	18.3	B	18.3	B
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	21.5	C	21	C	21	C	21	C
	EBT	25.4	C	25	C	25.1	C	25.1	C
	EBR								
	WBL	0.9	A	1.4	A	1.4	A	1.3	A
	WBT	2.2	A	2.6	A	2.6	A	2.6	A
	WBR								
	NBL								
	NBT	19.3	B	18.6	B	19.3	B	19.3	B
	NBR								
	SBL								
	SBT	28.9	C	28.9	C	28.9	C	28.9	C
	SBR	0.5	A	0.5	A	0.5	A	0.5	A
Intersection		10.9	B	11	B	11.1	B	11	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.3	A	0.3	A	0.3	A	0.3	A
	EBT	1.6	A	1.6	A	1.6	A	1.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	12.9	B	11.6	B	11.4	B	14.7	B
	WBT	22.6	C	21.7	C	21.4	C	25.8	C
	WBR								
	NBL								
	NBT	47.3	D	49.5	D	49.4	D	49.4	D
	NBR	2.7	A	3.1	A	3	A	3	A
	SBL								
	SBT	19.5	B	19.8	B	19.6	B	19.6	B
Intersection		17.4	B	17.3	B	17.1	B	19.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	44.2	D	44.2	D	44.2	D	42.9	D
	EBR								
	WBL								
	WBT	16.6	B	16.8	B	16.1	B	16.8	B
	WBR								
	NBL	5.1	A	5.5	A	5.7	A	4.3	A
	NBT	6	A	6.7	A	6.9	A	4.8	A
	NBR								
	SBL	6	A	6	A	6.5	A	5.5	A
	SBT	11.9	B	12.9	B	13.2	B	10.4	B
Intersection		14	B	14.7	B	15	B	12.7	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16	B	15.9	B	15.9	B	15.9	B
	EBR								
	WBL								
	WBT	16.2	B	16.1	B	16.1	B	16.1	B
	WBR								
	NBL								
	NBT	20.1	C	19.9	B	20	B	20	B
	NBR								
	SBL	7.6	A	7.7	A	7.7	A	7.7	A
	SBT	7.9	A	7.9	A	7.9	A	7.9	A
	SBR								
	NWL	7.6	A	7.6	A	7.7	A	7.7	A
Intersection		10.6	B	10.6	B	10.4	B	10.4	B
Cherry Avenue & Brook Street	EBL								
	EBT	9.6	A	9.6	A	9.7	A	9.7	A
	EBR								
	WBL								
	WBT	9.1	A	9.1	A	9.1	A	9.1	A
	WBR								
	NBL								
	NBT	8.5	A	8.5	A	8.5	A	8.5	A
	NBR								
	SBL								
	SBT	9.2	A	9.3	A	9.4	A	9.4	A
Intersection		9.2	A	9.3	A	9.3	A	9.3	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.6	B	17.6	B	17.6	B
	WBT	39.8	D	46.5	D	45.9	D	45.9	D
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	16.1	B	16.2	B	16.7	B	16.7	B
	NBT	3.2	A	3.3	A	3.2	A	3.2	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.6	A	0.7	A	0.7	A	0.7	A
Intersection		28.8	C	33.1	C	32.6	C	32.6	C
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.4	B	19.5	B	19.4	B	19.4	B
	EBT	21.9	C	22.1	C	22.1	C	22.1	C
	EBR	0.6	A	0.7	A	0.8	A	0.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	16.3	B	16.3	B	16.4	B	16.4	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.4	A	3.3	A	3.3	A
	SBT	2.3	A	2.6	A	2.5	A	2.5	A
Intersection		13.6	B	13.8	B	13.7	B	13.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.6	C	30.6	C	29.3	C
	WBT	47.1	D	54.7	D	43.8	D	39.5	D
	WBR	5.2	A	6.7	A	8.9	A	9.1	A
	NBL	49.6	D	49.5	D	53.9	D	51.4	D
	NBT	15	B	14.9	B	14.9	B	18.6	B
	NBR								
	SBL								
	SBT	67.8	E	81.8	F	111.6	F	45.3	D
	SBR	90.3	F	104.4	F	132.8	F	54.3	D
Intersection		48.7	D	56.2	E	65.1	E	38.1	D

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.9	C	26.1	C	28.7	C	23.3	C
	EBT	23.4	C	23.3	C	25.3	C	24.1	C
	EBR	7.3	A	8.5	A	15.3	B	16.1	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	34.5	C	35.8	D	34.9	C	33.7	C
	NBR	17.6	B	18.7	B	17.2	B	17	B
	SBL	44.5	D	45.7	D	46.8	D	49.7	D
	SBT	31.8	C	32.1	C	29.4	C	28.9	C
Intersection		28.4	C	29	C	29.4	C	28.7	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	19.1	B	19.3	B	19.3	B	19.3	B
	WBT	21.9	C	22.2	C	22.2	C	22.2	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	25.9	C	25.9	C	25.9	C	25.9	C
	NBT	13.8	B	13.8	B	13.7	B	13.7	B
	NBR								
	SBL								
	SBT	18.3	B	18.5	B	18.5	B	18.5	B
	SBR	68.8	E	81.7	F	79.9	E	79.9	E
Intersection		33.4	C	37.1	D	36.6	D	36.6	D
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.2	C	23.4	C	23.4	C	23.4	C
	EBT	20.5	C	20.6	C	20.6	C	20.6	C
	EBR	18.2	B	18.2	B	18.2	B	18.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	23.1	C	23.4	C	23.4	C	23.4	C
	NBR	28.2	C	29.7	C	29.7	C	29.7	C
	SBL	47.4	D	47.5	D	47.5	D	47.5	D
	SBT	6.2	A	6.3	A	6.3	A	6.3	A
Intersection		25.3	C	25.5	C	25.5	C	25.5	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					32.9	C	38	D
	EBT					0.3	A	0.3	A
	EBR	33.4	C	33.4	C				
	WBL					26	C	28.9	C
	WBT	14	B	14	B	5.9	A	5.2	A
	WBR					4.5	A	4.5	A
	NBL	9.8	A	10.2	B	14.8	B	12.1	B
	NBT								
	NBR	2.7	A	2.8	A	4.9	A	4.9	A
	SBL	6.4	A	6.8	A	18.9	B	16.2	B
	SBT					4.4	A	3.7	A
Intersection		8.4	A	8.8	A	16.2	B	14.4	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.2	D	43.7	D	43.7	D	43.7	D
	EBT	41.8	D	42.1	D	42.3	D	42.2	D
	EBR								
	WBL								
	WBT	47.1	D	48.1	D	48.3	D	47.8	D
	WBR								
	NBL							16.6	B
	NBT	18.4	B	19.4	B	20.8	C	18.5	B
	NBR	4.3	A	4.7	A	5.2	A	4.7	A
	SBL								
	SBT	21.7	C	23.3	C	24	C	24.2	C
Intersection		26	C	27	C	27.6	C	27	C
Lakeland Avenue & Manton Street	EBL	20.9	C	20.9	C	20.9	C	20.9	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.9	B	13.9	B
	WBR								
	NBL								
	NBT	8.4	A	8.7	A	9.1	A	9.1	A
	NBR								
	SBL	9.2	A	9.7	A	10.1	B	10.1	B
	SBT								
Intersection		10.2	B	10.6	B	10.9	B	10.9	B

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Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	3	A	3.1	A	3.1	A
	EBT	3.5	A	3.8	A	3.8	A	3.8	A
	EBR								
	WBL								
	WBT	7.5	A	8	A	8.2	A	8.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52	D	52	D	52	D
	SBT								
	SBR	12.6	B	12.4	B	12.4	B	12.4	B
Intersection		6.3	A	6.6	A	6.7	A	6.7	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.3	B	11.5	B	12	B	12	B
	EBR								
	WBL								
	WBT	5.1	A	5.7	A	5.6	A	5.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	38.7	D	39.3	D	38.9	D	38.9	D
Intersection		10.6	B	11.4	B	11.6	B	11.6	B
Greene Avenue & Montauk Highway	EBL								
	EBT	8.4	A	9.1	A	9.3	A	9.3	A
	EBR								
	WBL								
	WBT	5.9	A	6.1	A	6.1	A	6.1	A
	WBR	2.4	A	1.9	A	1.8	A	1.8	A
	NBL	51.9	D	53.9	D	53.5	D	53.5	D
	NBT	36.2	D	36.1	D	36.2	D	36.2	D
	NBR								
	SBL								
	SBT	50.2	D	50.7	D	50.5	D	50.5	D
Intersection		13.8	B	14.2	B	14.2	B	14.2	B

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Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	11.3	B	11.5	B	11.4	B	11.4	B
	EBT	16.7	B	17.5	B	17	B	17	B
	EBR								
	WBL	12.4	B	13.4	B	13.6	B	13.6	B
	WBT	16.9	B	18.1	B	18.5	B	18.5	B
	WBR	4.8	A	5.1	A	5.2	A	5.2	A
	NBL								
	NBT	50.5	D	51	D	51.1	D	51.1	D
	NBR								
	SBL	63.2	E	83.9	F	85	F	85	F
	SBT	31.7	C	33.4	C	33.9	C	33.9	C
Intersection		25.8	C	29.2	C	29.4	C	29.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	26.3	C	26.4	C	26.4	C
	EBT	53.6	D	63.2	E	63.8	E	63.8	E
	EBR								
	WBL	1.8	A	1.8	A	1.8	A	1.8	A
	WBT	2.5	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	25.1	C	25.2	C	24.6	C	24.6	C
	NBR								
	SBL								
	SBT	42.1	D	42.3	D	42.4	D	42.4	D
	SBR	3.1	A	3.5	A	3.4	A	3.4	A
Intersection		25.6	C	29.4	C	29.6	C	29.6	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.6	A	0.6	A	0.6	A	0.6	A
	EBT	3.2	A	3.4	A	3.5	A	3.5	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	22.8	C	29.8	C	29.7	C	29.7	C
	WBT	20.3	C	22.3	C	22.5	C	22.5	C
	WBR								
	NBL								
	NBT	54	D	58.6	E	58.3	E	58.3	E
	NBR	6.7	A	6.7	A	6.7	A	6.7	A
	SBL								
	SBT	26.6	C	27.1	C	27.4	C	27.4	C
Intersection		17.7	B	19.4	B	19.3	B	19.3	B

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Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	52.6	D	52.6	D	52.6	D
	EBR								
	WBL								
	WBT	2.8	A	3	A	2.7	A	2.7	A
	WBR								
	NBL	11.3	B	12.1	B	12.3	B	12.3	B
	NBT	17.1	B	18.4	B	18.6	B	18.6	B
	NBR								
	SBL	6.7	A	7	A	7.1	A	7.1	A
	SBT	11.2	B	12.1	B	12.4	B	12.4	B
Intersection		18.4	B	19.3	B	19.5	B	19.5	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.5	B	16.5	B	16.5	B	16.5	B
	EBR								
	WBL								
	WBT	16.9	B	16.8	B	16.8	B	16.8	B
	WBR								
	NBL								
	NBT	16.9	B	16.9	B	16.9	B	16.9	B
	NBR								
	SBL	4.2	A	4.2	A	4.2	A	4.2	A
	SBT	4.2	A	4.2	A	4.2	A	4.2	A
	SBR								
	NWL	4.2	A	4.2	A	4.2	A	4.2	A
Intersection		6.1	A	6	A	5.9	A	5.9	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	11.7	B	11.8	B	11.8	B
	EBR								
	WBL								
	WBT	10.1	B	10.6	B	10.6	B	10.6	B
	WBR								
	NBL								
	NBT	9.1	A	9.3	A	9.3	A	9.3	A
	NBR								
	SBL								
	SBT	11.1	B	12.2	B	12.4	B	12.4	B
Intersection		10.5	B	11.3	B	11.4	B	11.4	B

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Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.4	B	18.5	B	18.5	B	18.5	B
	WBT	51.8	D	62.4	E	61.2	E	61.2	E
	WBR	0.4	A	0.4	A	0.4	A	0.4	A
	NBL	17.8	B	18	B	18.3	B	18.3	B
	NBT	5	A	5.1	A	4.8	A	4.8	A
	NBR								
	SBL								
	SBT	20.2	C	20.2	C	20.2	C	20.2	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		35.7	D	42.2	D	41.4	D	41.4	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.2	C	20.3	C	20.2	C	20.2	C
	EBT	21.5	C	21.7	C	21.8	C	21.8	C
	EBR	0.6	A	0.6	A	0.8	A	0.7	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.4	B	17.6	B	17.7	B	17.7	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.1	A	3.2	A	3.3	A	3.3	A
	SBT	3	A	3	A	3	A	3	A
Intersection		12.9	B	13	B	13.1	B	13.1	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	30.6	C	31.4	C	34.6	C	32.8	C
	WBT	134	F	154.4	F	152.2	F	134.3	F
	WBR	14.3	B	16.3	B	18.9	B	18.7	B
	NBL	46.9	D	46.6	D	49.2	D	48.6	D
	NBT	15.4	B	15.4	B	15.2	B	18.9	B
	NBR								
	SBL								
	SBT	65.8	E	80	E	117	F	56.2	E
	SBR	84.7	F	99	F	132.9	F	43.8	D
Intersection		74.1	E	85.4	F	95.7	F	66.7	E

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Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25	C	25.1	C	27.8	C	22.6	C
	EBT	23.2	C	23.2	C	25.3	C	24.2	C
	EBR	6	A	7.3	A	15.1	B	16.3	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	32.3	C	33.3	C	32.9	C	32.1	C
	NBR	18	B	19	B	18	B	17.8	B
	SBL	44.5	D	44.6	D	41.2	D	46.1	D
	SBT	31.3	C	31.6	C	28.8	C	28.4	C
Intersection		27	C	27.5	C	27.7	C	27.4	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.5	C	20.8	C	20.8	C	20.8	C
	WBT	23.6	C	24.1	C	24.1	C	24.1	C
	WBR	19.9	B	20.1	C	20.1	C	20.1	C
	NBL	27.9	C	27.7	C	27.8	C	27.8	C
	NBT	13.6	B	13.6	B	13.6	B	13.6	B
	NBR								
	SBL								
	SBT	18.7	B	19	B	19	B	19	B
	SBR	38.3	D	41.9	D	41.7	D	41.7	D
Intersection		24.2	C	25.2	C	25.1	C	25.1	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.1	C	23.3	C	23.2	C	23.2	C
	EBT	21	C	21	C	21	C	21	C
	EBR	18	B	17.9	B	17.9	B	17.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.5	C	22.8	C	22.7	C	22.7	C
	NBR	26.6	C	28.3	C	28.1	C	28.1	C
	SBL	44.1	D	44.2	D	44.2	D	44.2	D
	SBT	6.7	A	6.8	A	6.8	A	6.8	A
Intersection		24.6	C	24.8	C	24.8	C	24.8	C

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Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					32.9	C	37.1	D
	EBT					0.3	A	0.3	A
	EBR	31.6	C	31.7	C				
	WBL					24.6	C	27.2	C
	WBT	13.8	B	13.7	B	4.2	A	3.8	A
	WBR					4.6	A	4.6	A
	NBL	7.8	A	8	A	14.1	B	11.2	B
	NBT								
	NBR	2.3	A	2.3	A	4.7	A	4.6	A
	SBL	5.7	A	6.1	A	20.9	C	16.3	B
	SBT					4.4	A	3.3	A
Intersection		7	A	7.3	A	17	B	14.1	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.1	D	46.2	D	46.1	D	45.7	D
	EBT	40	D	40.7	D	41	D	40.7	D
	EBR								
	WBL								
	WBT	51.6	D	54	D	54.2	D	52.9	D
	WBR								
	NBL							19.6	B
	NBT	18.9	B	19.9	B	21.5	C	18.2	B
	NBR	3.4	A	3.5	A	4.1	A	3.4	A
	SBL								
	SBT	28.1	C	30.7	C	32.1	C	32.8	C
Intersection		30.2	C	32	C	32.9	C	32.2	C
Lakeland Avenue & Manton Street	EBL								
	EBT	21.7	C	21.8	C	22.6	C	22.6	C
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	12.3	B	12.3	B
	WBR								
	NBL								
	NBT	7.7	A	8.1	A	8.3	A	8.3	A
	NBR								
	SBL								
	SBT	11.2	B	12.3	B	12.7	B	12.7	B
Intersection		11.2	B	11.9	B	12.1	B	12.1	B

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Project Name: Grey Barn Island Hills
Phase 4 Analysis with Other Planned Development
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.5	A	2.7	A	2.8	A	2.8	A
	EBT	3.7	A	4	A	4	A	4	A
	EBR								
	WBL								
	WBT	7.2	A	7.6	A	7.7	A	7.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	53.4	D	53.7	D	53.7	D	53.7	D
	SBT								
	SBR	12.2	B	12	B	12	B	12	B
Intersection		6.8	A	7.1	A	7.1	A	7.1	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	9	A	9.8	A	10.2	B	10.2	B
	EBR								
	WBL								
	WBT	5.3	A	5.3	A	5.5	A	5.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	31	C	31.6	C	31.4	C	31.4	C
Intersection		8.9	A	9.2	A	9.5	A	9.5	A
Greene Avenue & Montauk Highway	EBL								
	EBT	9	A	9	A	9.3	A	9.3	A
	EBR								
	WBL								
	WBT	5.3	A	6.6	A	6.5	A	6.3	A
	WBR	2.2	A	2.5	A	2.3	A	2.3	A
	NBL	63.4	E	65.4	E	65.4	E	65.4	E
	NBT	34.5	C	34.2	C	34.2	C	34.2	C
	NBR								
	SBL								
	SBT	52.4	D	53	D	53	D	53	D
Intersection		16.4	B	16.9	B	16.9	B	16.8	B

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Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.9	B	13.7	B	13.7	B	14.3	B
	EBT	20.4	C	20.6	C	20.4	C	21.2	C
	EBR								
	WBL	15.6	B	15.9	B	16	B	16.6	B
	WBT	20	C	21.4	C	21.8	C	22.8	C
	WBR	5.3	A	5.7	A	5.8	A	6.1	A
	NBL								
	NBT	52.9	D	52.9	D	52.9	D	52.9	D
	NBR								
	SBL	73	E	96	F	97	F	84.1	F
	SBT	31.2	C	32.6	C	33.2	C	32.1	C
Intersection		30.3	C	34	C	34.2	C	32.8	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	28.4	C	28.2	C	28.6	C
	EBT	56.8	E	73.3	E	74.6	E	74.8	E
	EBR								
	WBL	2	A	2.4	A	2.4	A	2.4	A
	WBT	2.8	A	3.2	A	3.2	A	3.2	A
	WBR								
	NBL								
	NBT	20.5	C	20.1	C	20.1	C	20.1	C
	NBR								
	SBL								
	SBT	42.2	D	42.4	D	42.2	D	42.2	D
	SBR	4.8	A	5.3	A	5.3	A	5.3	A
Intersection		27.1	C	33.7	C	34.2	C	34.3	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.7	A	0.7	A	0.7	A	0.7	A
	EBT	3.9	A	4.6	A	4.6	A	4.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	38.2	D	63	E	62.9	E	62.9	E
	WBT	24.7	C	27.4	C	27.5	C	27.5	C
	WBR								
	NBL								
	NBT	58	E	58.9	E	58.2	E	58.2	E
	NBR	7.4	A	7.3	A	7.3	A	7.3	A
	SBL								
	SBT	24.6	C	25.2	C	25.3	C	25.3	C
Intersection		19.9	B	22.7	C	22.6	C	22.6	C

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Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	41	D	42.2	D	42.5	D	42.5	D
	EBR								
	WBL								
	WBT	26	C	26.4	C	25.8	C	25.8	C
	WBR								
	NBL	9.6	A	10.6	B	10.8	B	10.8	B
	NBT	15.6	B	17.5	B	17.8	B	17.8	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	9.6	A	10.3	B	10.4	B	10.4	B
Intersection		15.8	B	17.1	B	17.3	B	17.3	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.6	B	15.4	B	15.6	B	15.6	B
	EBR								
	WBL								
	WBT	16.1	B	15.9	B	16	B	16	B
	WBR								
	NBL								
	NBT	16.2	B	15.9	B	16.2	B	16.2	B
	NBR								
	SBL	4.3	A	4.3	A	4.3	A	4.3	A
	SBT	4.3	A	4.3	A	4.3	A	4.3	A
	SBR								
	NWL	4.4	A	4.5	A	4.4	A	4.4	A
Intersection		6.6	A	6.6	A	6.4	A	6.4	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.7	B	10.8	B	10.8	B
	EBR								
	WBL								
	WBT	10.3	B	10.3	B	10.4	B	10.4	B
	WBR								
	NBL								
	NBT	9.5	A	9.6	A	9.6	A	9.6	A
	NBR								
	SBL								
	SBT	10.4	B	10.5	B	10.6	B	10.6	B
Intersection		10.3	B	10.4	B	10.4	B	10.4	B

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Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.5	B	17.5	B	17.5	B
	WBT	18.9	B	18.9	B	18.8	B	18.8	B
	WBR	0.2	A	0.3	A	0.2	A	0.2	A
	NBL	15.9	B	16	B	16.7	B	16.7	B
	NBT	2.8	A	2.9	A	2.8	A	2.8	A
	NBR								
	SBL								
	SBT	18.8	B	19	B	19	B	19	B
	SBR	0.4	A	0.4	A	0.4	A	0.4	A
Intersection		13.3	B	13.2	B	13.4	B	13.4	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.3	C	20.3	C	20.4	C	20.4	C
	EBT	20.9	C	21	C	21.1	C	21.1	C
	EBR	0.6	A	0.6	A	0.7	A	0.7	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.8	B	15.9	B	15.9	B	15.9	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.3	A	3.3	A	3.3	A
	SBT	2.7	A	2.8	A	2.8	A	2.8	A
Intersection		12.7	B	12.7	B	12.8	B	12.8	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.2	C	30.7	C	29.3	C
	WBT	27.8	C	27.9	C	28.2	C	27	C
	WBR	8	A	9.6	A	11.8	B	11.3	B
	NBL	52.8	D	54.1	D	63.4	E	54.7	D
	NBT	15.2	B	16.5	B	16.8	B	20	C
	NBR								
	SBL								
	SBT	30.4	C	31.9	C	32.7	C	29.9	C
	SBR	35.7	D	38	D	40.9	D	32.6	C
Intersection		27.1	C	28.1	C	30.3	C	28.5	C

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Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	27.6	C	28.1	C	30	C	26.1	C
	EBT	25.2	C	25.4	C	26.7	C	23.9	C
	EBR	4.7	A	5.9	A	12.3	B	12.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	28.8	C	29.3	C	29.8	C	29.3	C
	NBR	7.9	A	9.5	A	11.5	B	11.4	B
	SBL	42	D	42.3	D	42.2	D	43.1	D
	SBT	21.6	C	22.3	C	20.4	C	16.5	B
Intersection		23.2	C	23.8	C	24.7	C	23.1	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.6	B	18.8	B	18.8	B	18.8	B
	WBT	21.7	C	21.9	C	21.8	C	21.8	C
	WBR	20.7	C	20.9	C	20.8	C	20.8	C
	NBL	29.8	C	29.9	C	29.9	C	29.9	C
	NBT	13.2	B	13.2	B	13.3	B	13.3	B
	NBR								
	SBL								
	SBT	18.5	B	18.7	B	18.7	B	18.7	B
	SBR	23.2	C	23.7	C	23.7	C	23.7	C
Intersection		20.4	C	20.6	C	20.6	C	20.6	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	24.2	C	24.3	C	24.3	C	24.3	C
	EBT	20.4	C	20.3	C	20.3	C	20.3	C
	EBR	17.7	B	17.6	B	17.5	B	17.5	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.5	B	19.5	B	19.5	B
	NBR	22.2	C	22.8	C	22.8	C	22.8	C
	SBL	41.2	D	41	D	41	D	41	D
	SBT	6.8	A	7	A	7.1	A	7.1	A
Intersection		22.9	C	23	C	22.9	C	22.9	C

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Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.4	C	34.2	C
	EBT					1.1	A	0.6	A
	EBR	32.3	C	32.4	C				
	WBL					25	C	25.1	C
	WBT	13.4	B	13.3	B	8.3	A	6.7	A
	WBR					4.6	A	4.8	A
	NBL	9	A	9.4	A	15.2	B	12.9	B
	NBT								
	NBR	2.5	A	2.5	A	4.7	A	4.9	A
	SBL	5.1	A	5.3	A	15	B	14.1	B
	SBT					3.6	A	2.8	A
Intersection		7.7	A	8	A	14.9	B	13.6	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.1	D	43.6	D	44.2	D	44	D
	EBT	38.8	D	39	D	40.1	D	40	D
	EBR								
	WBL								
	WBT	46.5	D	47.6	D	48.5	D	48.3	D
	WBR								
	NBL							16.9	B
	NBT	20.1	C	21.4	C	23.9	C	20.3	C
	NBR	5.3	A	5.8	A	6.4	A	5.8	A
	SBL								
	SBT	21.3	C	22.9	C	24.5	C	24.6	C
Intersection		25.3	C	26.5	C	28	C	26.8	C
Lakeland Avenue & Manton Street	EBL	18.9	B	18.9	B	18.9	B	18.9	B
	EBT								
	EBR								
	WBL								
	WBT	15.4	B	15.4	B	15.4	B	15.4	B
	WBR								
	NBL								
	NBT	8.5	A	9.1	A	10.1	B	10.1	B
	NBR								
	SBL	9.9	A	10.8	B	11.8	B	11.8	B
Intersection		10.1	B	10.7	B	11.6	B	11.6	B

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Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.8	A	1.8	A	1.9	A	1.9	A
	EBT	2.6	A	2.7	A	2.8	A	2.8	A
	EBR								
	WBL								
	WBT	5.8	A	6.4	A	6.7	A	6.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52.1	D	52.1	D	52.1	D
	SBT								
	SBR	11.4	B	11.4	B	11.1	B	11.1	B
Intersection		5.6	A	5.9	A	6	A	6	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.3	A	6.7	A	7	A	7	A
	EBR								
	WBL								
	WBT	4.9	A	5.3	A	5.5	A	5.4	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23.4	C	23.7	C	24.2	C	24.2	C
Intersection		6.9	A	7.3	A	7.6	A	7.6	A
Greene Avenue & Montauk Highway	EBL								
	EBT	6.7	A	7.1	A	7.5	A	7.5	A
	EBR								
	WBL								
	WBT	5.4	A	5.5	A	5.8	A	5.8	A
	WBR	3.9	A	3.5	A	3.6	A	3.6	A
	NBL	63	E	65.2	E	65.5	E	65.5	E
	NBT	36.9	D	36.6	D	36.7	D	36.7	D
	NBR								
	SBL								
	SBT	52.1	D	52.1	D	52.2	D	52.2	D
Intersection		15.7	B	15.8	B	15.9	B	15.9	B

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Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	16.5	B	16.5	B	17	B	17.6	B
	EBT	20	B	19.7	B	19.3	B	19.8	B
	EBR								
	WBL	15.7	B	16.7	B	17.1	B	17.9	B
	WBT	19.6	B	21.9	C	22.8	C	24.1	C
	WBR	5.4	A	5.8	A	6.3	A	6.5	A
	NBL								
	NBT	53.8	D	53.5	D	53.6	D	53.6	D
	NBR								
	SBL	67.7	E	82.8	F	85.2	F	75.6	E
	SBT	30.3	C	31.3	C	32.8	C	31.8	C
Intersection		29.8	C	32.7	C	33.3	C	32.2	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	28.3	C	31.1	C	31.3	C	31.4	C
	EBT	30.4	C	32.3	C	32.6	C	32.6	C
	EBR								
	WBL	1.9	A	2.2	A	2.4	A	2.2	A
	WBT	3.3	A	3.6	A	3.8	A	3.6	A
	WBR								
	NBL								
	NBT	21	C	21.1	C	20.6	C	20.6	C
	NBR								
	SBL								
	SBT	40.9	D	41.4	D	41.2	D	41.2	D
	SBR	1.2	A	1.3	A	1.3	A	1.3	A
Intersection		15.2	B	16.2	B	16.3	B	16.3	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.3	A	1.5	A	1.4	A	1.4	A
	EBT	3	A	3.2	A	3.2	A	3.2	A
	EBR	0.2	A	0.2	A	0.2	A	0.2	A
	WBL	22	C	25.4	C	25.5	C	26.9	C
	WBT	21.8	C	23	C	23	C	24	C
	WBR								
	NBL								
	NBT	49.3	D	50.1	D	49.1	D	49.1	D
	NBR	7.4	A	7.3	A	7.2	A	7.2	A
	SBL								
	SBT	25	C	25.1	C	25	C	25	C
Intersection		17.5	B	18.3	B	18.1	B	18.6	B

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Phase 4 Analysis with Other Planned Development

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	50.5	D	51.1	D	51.9	D	48.7	D
	EBT								
	EBR								
	WBL	31	C	31	C	30	C	31	C
	WBT								
	WBR								
	NBL	11.6	B	11.9	B	12.3	B	11	B
	NBT	16.2	B	16.2	B	16.7	B	14.7	B
	NBR	6	A	6	A	6	A	6	A
	SBL								
	SBT								
Intersection		17.6	B	18.3	B	19.1	B	16.3	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	15.7	B	15.7	B	15.6	B	15.6	B
	EBT								
	EBR								
	WBL	16.2	B	16.1	B	16.2	B	16.2	B
	WBT								
	WBR								
	NBL	20.4	C	20.1	C	20.3	C	20.3	C
	NBT								
	NBR								
	SBL	7.4	A	7.5	A	7.4	A	7.4	A
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
	SBR	7.6	A	7.6	A	7.6	A	7.6	A
	NWL								
Intersection		9.8	A	9.9	A	9.6	A	9.6	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.5	B	10.6	B	10.6	B
	EBT								
	EBR								
	WBL	10.2	B	10.2	B	10.1	B	10.1	B
	WBT								
	WBR								
	NBL	9.4	A	9.4	A	9.4	A	9.4	A
	NBT								
	NBR								
	SBL	10.5	B	10.5	B	10.7	B	10.7	B
	SBT								
Intersection		10.2	B	10.3	B	10.3	B	10.3	B

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Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	24.2	C	26.5	D	40.6	E	40.8	E
Lakeland Avenue & Chester Road	EB	50.5	F	63.2	F	96.5	F	97.9	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	17.1	C	17.0	C	17.0	C
	WB	17.7	C	18.9	C	19.6	C	19.6	C
	NB	0.1	A	0.2	A	0.1	A	0.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	17.1	C	18.1	C	19.5	C	19.5	C
	NB	9.1	A	9.2	A	2.0	A	2.0	A
Railroad Avenue & Hiddink Street	WB	14.4	B	14.9	B	15.4	C	15.4	C
	NB	0.0		0.0		0.0		0.0	
	SB	2.2	A	2.3	A	2.4	A	2.4	A
Railroad Avenue & Center Street	EB	16.0	C	16.7	C	16.7	C	16.7	C
	NB	1.3	A	1.3	A	1.3	A	1.3	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.1	A	1.1	A	1.1	A	1.1	A
	WB	0.4	A	0.4	A	0.4	A	0.4	A
	NB	13.6	B	14.1	B	14.3	B	14.3	B
	SB	13.7	B	14.2	B	14.3	B	14.3	B
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.3	B	10.3	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	11.0	B	11.0	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.5	B	10.5	B	10.7	B	10.7	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.1	A	8.1	A
	WB	8.0	A	8.0	A	8.1	A	8.1	A
	SB	7.2	A	7.2	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.7	A	9.7	A

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Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.0	A	8.1	A	8.3	A	8.3	A
	WB	9.0	A	9.1	A	9.2	A	9.2	A
	NB	8.4	A	8.5	A	8.7	A	8.7	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.8	A	1.8	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.3	A	9.4	A	9.9	A	9.9	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.0	A	9.0	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	3.1	A	4.9	A	4.9	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	6.1	A	6.1	A	6.1	A	6.1	A
Lincoln Avenue & Hiddink Street	EB	8.7	A	8.8	A	8.9	A	8.9	A
	WB	8.6	A	8.7	A	8.8	A	8.8	A
	NB	9.0	A	9.1	A	9.1	A	9.1	A
	SB	9.1	A	9.3	A	9.3	A	9.3	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.0	A	4.0	A
	NB	0.0	A	0.0	A	9.3	A	9.3	A
Terry Road & Site Access	EB	0.0		0.0		0.3	A	0.3	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	9.9	A	9.9	A

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Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.0	C	20.0	C	24.1	C	25.1	D
	NB	10.1	B	10.4	B	11.3	B	11.3	B
Lakeland Avenue & Chester Road	EB	93.2	F	134.2	F	262.9	F	229.3	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	17.5	C	18.3	C	19.2	C	19.2	C
	WB	23.0	C	25.2	D	27.3	D	27.3	D
	NB	1.1	A	1.2	A	1.2	A	1.2	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	22.7	C	25.3	D	30.0	D	30.0	D
	NB	3.0	A	3.1	A	3.2	A	3.2	A
Railroad Avenue & Hiddink Street	WB	19.2	C	20.6	C	21.1	C	21.1	C
	NB	0.0		0.0		0.0		0.0	
	SB	3.6	A	3.7	A	3.8	A	3.8	A
Railroad Avenue & Center Street	EB	21.7	C	23.9	C	21.9	C	21.9	C
	NB	1.4	A	1.4	A	1.4	A	1.4	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.8	A	2.1	A	2.1	A	2.1	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	53.6	F	69.1	F	73.5	F	73.5	F
	SB	18.0	C	19.3	C	19.5	C	19.5	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.4	B	10.5	B	10.7	B	10.7	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.4	B	11.5	B	11.7	B	11.7	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.0	B	10.1	B	10.2	B	10.2	B
Terry Road & Sterling Place	EB	8.4	A	8.5	A	8.6	A	8.6	A
	WB	8.1	A	8.1	A	8.2	A	8.2	A
	SB	7.2	A	7.3	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.7	A	9.7	A

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Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.9	A	9.1	A	9.3	A	9.3	A
	WB	10.5	B	10.7	B	11.0	B	11.0	B
	NB	10.0	A	10.2	B	10.5	B	10.5	B
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.0	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	10.0	B	10.0	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.9	A	9.8	A	10.1	B	10.1	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.8	A	0.8	A	3.4	A	3.4	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	3.0	A	3.0	A	3.0	A	3.0	A
Lincoln Avenue & Hiddink Street	EB	10.3	B	10.6	B	10.7	B	10.7	B
	WB	9.0	A	9.1	A	9.1	A	9.1	A
	NB	10.0	A	10.2	B	10.3	B	10.3	B
	SB	10.5	B	10.7	B	10.8	B	10.8	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.0	A	5.0	A
	NB	0.0	A	0.0	A	10.3	B	10.3	B
Terry Road & Site Access	EB	0.0		0.0		0.5	A	0.5	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	25.8	D	27.8	D	32.7	D	35.6	E
	NB	10.6	B	10.9	B	12.0	B	12.0	B
Lakeland Avenue & Chester Road	EB	73.2	F	98.6	F	232.2	F	185.8	F
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	16.7	C	18.8	C	18.2	C	18.2	C
	WB	20.7	C	23.0	C	23.8	C	23.8	C
	NB	0.1	A	0.1	A	0.1	A	0.1	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	20.4	C	22.5	C	25.6	D	25.6	D
	NB	2.5	A	2.7	A	2.7	A	2.7	A
Railroad Avenue & Hiddink Street	WB	22.7	C	26.1	D	26.2	D	26.2	D
	NB	0.0		0.0		0.0		0.0	
	SB	3.5	A	3.6	A	3.7	A	3.7	A
Railroad Avenue & Center Street	EB	23.4	C	26.0	D	23.9	C	23.9	C
	NB	1.9	A	2.0	A	2.0	A	2.0	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.4	A	2.6	A	2.6	A	2.6	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	31.7	D	37.5	E	38.5	E	38.5	E
	SB	18.2	C	19.8	C	18.3	C	18.3	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.7	A	10.3	B	10.3	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	11.1	B	11.2	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.2	A	0.2	A	0.2	A	0.2	A
	NB	10.8	B	10.9	B	11.1	B	11.1	B
Terry Road & Sterling Place	EB	8.2	A	8.3	A	8.4	A	8.4	A
	WB	7.9	A	8.0	A	8.1	A	8.1	A
	SB	7.1	A	7.1	A	7.1	A	7.1	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.7	A	9.9	A	9.9	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.4	A	8.5	A	8.7	A	8.7	A
	WB	10.2	B	10.5	B	10.7	B	10.7	B
	NB	9.0	A	9.2	A	9.4	A	9.4	A
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.1	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.5	B	10.6	B	10.8	B	10.8	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.8	A	9.9	A	10.2	B	10.2	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.3	A	3.5	A	5.3	A	5.3	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	4.6	A	4.6	A	4.6	A	4.6	A
Lincoln Avenue & Hiddink Street	EB	10.2	B	10.4	B	10.5	B	10.5	B
	WB	9.2	A	9.4	A	9.4	A	9.4	A
	NB	10.5	B	10.9	B	11.0	B	11.0	B
	SB	10.8	B	11.1	B	11.2	B	11.2	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.8	A	4.8	A
	NB	0.0	A	0.0	A	10.5	B	10.5	B
Terry Road & Site Access	EB	0.0		0.0		0.6	A	0.6	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.1	B	10.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.2	C	20.0	C	24.7	C	24.7	C
	NB	9.4	A	9.5	A	10.0	A	10.0	A
Lakeland Avenue & Chester Road	EB	65.7	F	86.6	F	148.1	F	151.4	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	20.1	C	21.7	C	24.3	C	24.3	C
	WB	31.1	D	37.4	E	45.5	E	45.5	E
	NB	0.4	A	0.4	A	0.4	A	0.4	A
	SB	0.6	A	0.7	A	0.7	A	0.7	A
Railroad Avenue & Depot Street	EB	37.9	E	47.2	E	66.5	F	66.5	F
	NB	3.2	A	3.4	A	3.6	A	3.6	A
Railroad Avenue & Hiddink Street	WB	32.5	D	Err	F	48.6	E	48.6	E
	NB	0.0		0.0		0.0		0.0	
	SB	2.7	A	15.6	C	3.3	A	3.3	A
Railroad Avenue & Center Street	EB	25.9	D	29.0	D	30.7	D	30.7	D
	NB	1.9	A	2.0	A	1.9	A	1.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.2	A	1.3	A	1.3	A	1.3	A
	WB	0.5	A	0.6	A	0.6	A	0.6	A
	NB	42.9	E	59.1	F	61.0	F	61.0	F
	SB	17.8	C	19.1	C	19.7	C	19.7	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.1	B	10.1	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	10.9	B	10.9	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	9.9	A	10.0	B	10.3	B	10.3	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.1	A	8.1	A
	WB	7.8	A	7.8	A	8.0	A	8.0	A
	SB	7.1	A	7.1	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 4 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 4		Build Phase 4		Build Phase 4 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.3	A	8.6	A	8.6	A
	WB	9.0	A	9.1	A	9.5	A	9.5	A
	NB	8.6	A	8.7	A	9.1	A	9.1	A
Tariff Street/Terry Road & Chester Road	EB	1.3	A	1.3	A	1.2	A	1.2	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.8	A	9.8	A	10.0	B	10.0	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	10.0	B	10.0	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.1	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.9	A	2.0	A	3.4	A	3.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.2	A	1.2	A	1.2	A	1.2	A
Carrie Avenue & Sterling Place	EB	8.6	A	8.6	A	8.6	A	8.6	A
Lincoln Avenue & Hiddink Street	EB	10.1	B	10.3	B	10.6	B	10.6	B
	WB	9.7	A	9.9	A	10.1	B	10.1	B
	NB	10.4	B	10.6	B	10.9	B	10.9	B
	SB	11.2	B	11.5	B	11.8	B	11.8	B
Site Access & 11th Street	EB	0.0		7.0	A	7.0	A	0.0	
	WB	0.0		7.1	A	7.7	A	4.8	A
	NB	0.0	A	7.0	A	7.6	A	9.8	A
Terry Road & Site Access	EB	0.0		0.0		0.4	A	0.4	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.2	B	10.2	B

Level of Service Table: Phase 5 School

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	79.6	E	80.6	F	80.6	F
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.7	B	20.1	C	20.1	C
	NBT	7.9	A	7.8	A	8.2	A	8.2	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
Intersection		51.2	D	61.6	E	61.5	E	61.5	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.3	C	21.3	C
	EBT	21	C	21	C	21	C	21	C
	EBR	0.4	A	0.4	A	0.5	A	0.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14	B	14.1	B	14.5	B	14.5	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	5.7	A	5.7	A	5.8	A	5.8	A
	SBT	5.7	A	5.7	A	5.8	A	5.8	A
Intersection		12.5	B	12.6	B	12.6	B	12.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.7	C	21.2	C	21.9	C	21.3	C
	WBT	70.8	E	92.3	F	104	F	91.4	F
	WBR	19.4	B	20.6	C	21.3	C	20.5	C
	NBL	46.5	D	47.1	D	53.9	D	50.3	D
	NBT	14.6	B	15.1	B	18.7	B	19.5	B
	NBR								
	SBL								
	SBT	35.5	D	35.7	D	37	D	30.9	C
	SBR	42.5	D	43	D	45.4	D	38.3	D
Intersection		41.6	D	49.7	D	54.2	D	49	D

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	29.7	C	31.4	C	40.8	D	29.7	C
	EBT	26	C	27.1	C	33.4	C	24.4	C
	EBR	5.5	A	6	A	7.3	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.5	C	34.4	C	33.9	C
	NBR	15.8	B	17	B	16.6	B	16.7	B
	SBL	39.4	D	40.5	D	40	D	38.4	D
	SBT	14.6	B	14.6	B	14.4	B	15	B
Intersection		24.7	C	25.5	C	28.8	C	25	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.4	C	24.4	C	24.4	C
	WBT	127.1	F	147.1	F	148.3	F	148.3	F
	WBR	31.1	C	32.1	C	32.2	C	32.2	C
	NBL	39.4	D	38.9	D	38.8	D	38.8	D
	NBT	17.1	B	16.7	B	16.7	B	16.7	B
	NBR								
	SBL								
	SBT	19	B	19.1	B	19.1	B	19.1	B
	SBR	21.6	C	21.9	C	21.9	C	21.9	C
Intersection		75	E	85	F	85.6	F	85.6	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35.6	D	35.7	D	35.7	D
	EBT	19.5	B	19.6	B	20	C	20	C
	EBR	19.7	B	19.8	B	19.8	B	19.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.3	B	19.4	B	19.4	B
	NBR	22.9	C	23.2	C	23.2	C	23.2	C
	SBL	36.9	D	37.2	D	37.2	D	37.2	D
	SBT	14.4	B	14.6	B	14.6	B	14.6	B
Intersection		24.5	C	24.9	C	24.9	C	24.9	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					34.6	C	37.3	D
	EBR					0.3	A	0.3	A
	WBL	31.2	C	31.2	C				
	WBT					22.1	C	22.9	C
	WBR	13.8	B	13.7	B	6.9	A	5.6	A
	NBL					5.5	A	5.1	A
	NBT	9.7	A	10.5	B	26.5	C	21.4	C
	NBR								
	SBL	2.5	A	2.6	A	6.5	A	6.5	A
	SBT	3.6	A	3.7	A	11.1	B	10.5	B
	SBR					1.4	A	0.9	A
Intersection		8.3	A	8.7	A	20.9	C	18.4	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.5	D	46.9	D	47.1	D	47.1	D
	EBT	39.8	D	39.9	D	41.5	D	41.5	D
	EBR								
	WBL								
	WBT	54.5	D	56.2	E	56.7	E	56.7	E
	WBR								
	NBL							16.5	B
	NBT	19.9	B	20.7	C	21.3	C	19.5	B
	NBR	3.5	A	3.9	A	4.1	A	3.5	A
	SBL								
	SBT	19	B	19.7	B	20.5	C	20.5	C
Intersection		29.5	C	30.3	C	30.8	C	30.2	C
Lakeland Avenue & Manton Street	EBL								
	EBT	23.5	C	23.9	C	24	C	24	C
	EBR								
	WBL								
	WBT	13.5	B	13.6	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	8	A	8.3	A	8.5	A	8.5	A
	NBR								
	SBL								
	SBT	7.9	A	8.3	A	8.8	A	8.8	A
Intersection		10.9	B	11.2	B	11.3	B	11.3	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.1	A	1.1	A	1.1	A	1.1	A
	EBR								
	WBL								
	WBT	8.5	A	9.8	A	11.7	B	11.7	B
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	32.8	C	33	C	32.8	C	32.8	C
	SBT								
	SBR	20.7	C	23.3	C	24.8	C	24.8	C
Intersection		8.1	A	9.2	A	10.6	B	10.6	B
Montauk Highway & Cherry Avenue	EBL								
	EBT	3.3	A	3.3	A	3.4	A	3.4	A
	EBR								
	WBL								
	WBT	6.5	A	7.1	A	7.5	A	7.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	24.1	C	24.2	C	23.7	C	23.7	C
Intersection		6.7	A	7.1	A	7.4	A	7.4	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.6	A	5.7	A	5.7	A
	EBR								
	WBL								
	WBT	8	A	8.5	A	8.8	A	8.8	A
	WBR	3.2	A	3.2	A	3.4	A	3.4	A
	NBL	41.5	D	42.1	D	42.4	D	42.4	D
	NBT	28.7	C	28.5	C	28.5	C	28.5	C
	NBR								
	SBL								
	SBT	29.9	C	29.7	C	29.8	C	29.8	C
Intersection		12.5	B	12.8	B	13	B	13	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.2	B	16	B	17	B	17	B
	EBT	12.2	B	13.4	B	14	B	14	B
	EBR								
	WBL	12.1	B	12.2	B	12.5	B	12.5	B
	WBT	21	C	26	C	26.5	C	26.5	C
	WBR	4.5	A	4.8	A	4.9	A	4.8	A
	NBL								
	NBT	42.7	D	43.4	D	43.5	D	43.5	D
	NBR								
	SBL	28.1	C	26.8	C	27.3	C	27.3	C
	SBT	26.1	C	24.8	C	25.4	C	25.4	C
Intersection		21.5	C	23.8	C	24.3	C	24.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	20.8	C	20.6	C	20.6	C
	EBT	19.7	B	19	B	18.9	B	18.9	B
	EBR								
	WBL	2.7	A	2.8	A	2.8	A	2.8	A
	WBT	4.4	A	5.2	A	5.3	A	5.2	A
	WBR								
	NBL								
	NBT	28	C	28	C	28	C	28	C
	NBR								
	SBL								
	SBT	30.3	C	30.5	C	30.5	C	30.5	C
	SBR	0.7	A	0.8	A	0.7	A	0.7	A
Intersection		8.9	A	9.3	A	9.4	A	9.3	A
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.4	A	0.6	A	0.6	A	0.6	A
	EBT	1.3	A	1.3	A	1.3	A	1.3	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10	A	9	A	8.8	A	12.3	B
	WBT	27.8	C	28.1	C	27.9	C	33.7	C
	WBR								
	NBL								
	NBT	43.1	D	45.3	D	45.4	D	45.4	D
	NBR	3.2	A	3.7	A	3.7	A	3.7	A
	SBL								
	SBT	18.5	B	18.6	B	18.6	B	18.6	B
Intersection		20.5	C	20.9	C	20.7	C	23.8	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	39.3	D	39.8	D	40.5	D	39.1	D
	EBR								
	WBL								
	WBT	25.7	C	24.8	C	25	C	25.5	C
	WBR								
	NBL	4.4	A	5.2	A	5.5	A	3.8	A
	NBT	4.5	A	5.1	A	5.3	A	3.5	A
	NBR								
	SBL	4.7	A	5	A	5	A	4.7	A
	SBT	10.2	B	11.2	B	11.6	B	9	A
Intersection		11.3	B	12.1	B	12.5	B	10.3	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.9	B	15.8	B	17.6	B	17.6	B
	EBR								
	WBL								
	WBT	16.6	B	16.6	B	18.5	B	18.5	B
	WBR								
	NBL								
	NBT	20.2	C	20.2	C	22.2	C	22.2	C
	NBR								
	SBL	7.5	A	7.5	A	9	A	9	A
	SBT	7.5	A	7.5	A	9	A	9	A
	SBR								
	NWL	7.5	A	7.5	A	9	A	9	A
Intersection		9.8	A	9.7	A	11.1	B	11.1	B
Cherry Avenue & Brook Street	EBL								
	EBT	14	B	14.5	B	14.6	B	14.6	B
	EBR								
	WBL								
	WBT	11.4	B	11.6	B	11.6	B	11.6	B
	WBR								
	NBL								
	NBT	13.7	B	14.1	B	14.2	B	14.2	B
	NBR								
	SBL								
	SBT	12.5	B	12.7	B	13.4	B	13.4	B
Intersection		13.2	B	13.5	B	13.7	B	13.7	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.8	B	18.8	B	18.8	B
	WBT	71.5	E	86.8	F	88	F	88	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.6	B	18.5	B	18.5	B
	NBT	4	A	4.1	A	3.9	A	3.9	A
	NBR								
	SBL								
	SBT	20.1	C	20.2	C	20.2	C	20.2	C
	SBR	1.8	A	2	A	2	A	2	A
Intersection		47.6	D	57	E	57.1	E	57.1	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20	C	20	B	20	B
	EBT	21.2	C	21.3	C	21.5	C	21.5	C
	EBR	0.8	A	0.8	A	2.2	A	2.2	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	18.1	B	18.1	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.7	A	2.8	A	2.8	A
	SBT	2.4	A	2.5	A	2.5	A	2.5	A
Intersection		12	B	12.1	B	12.3	B	12.3	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	30.1	C	33.3	C	33.3	C
	WBT	139.7	F	160.5	F	162	F	162	F
	WBR	9.6	A	11.1	B	14.5	B	14.5	B
	NBL	46	D	45.5	D	48.3	D	47.4	D
	NBT	15.5	B	15.6	B	16.6	B	18.6	B
	NBR								
	SBL								
	SBT	67.7	E	82	F	124.2	F	47.4	D
	SBR	89.3	F	104.3	F	143	F	44	D
Intersection		78	E	89.8	F	102.9	F	74	E

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Phase 5 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	28	C	28.7	C	31.5	C	25.5	C
	EBT	24.8	C	25.2	C	27.2	C	25.2	C
	EBR	6.2	A	7.7	A	18.1	B	19.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.7	C	32.3	C	31.4	C
	NBR	20.5	C	21.5	C	20.8	C	20.4	C
	SBL	44.5	D	44.3	D	41.2	D	45.1	D
	SBT	28.2	C	28	C	26.2	C	25.2	C
Intersection		26.8	C	27.2	C	28.1	C	27.2	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.6	C	23.7	C	23.7	C
	WBT	76.9	E	93.1	F	94.2	F	94.2	F
	WBR	22.8	C	23.2	C	23.3	C	23.3	C
	NBL	30.4	C	30.2	C	30.3	C	30.3	C
	NBT	12.8	B	12.8	B	12.7	B	12.7	B
	NBR								
	SBL								
	SBT	20.1	C	22.3	C	22.4	C	22.4	C
	SBR	80.1	F	138.2	F	139	F	139	F
Intersection		52.5	D	69.8	E	70.3	E	70.3	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.6	C	23.6	C	23.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22	C	22.3	C	22.3	C	22.3	C
	NBR	29.6	C	30.8	C	30.9	C	30.9	C
	SBL	41.2	D	40.2	D	40.2	D	40.2	D
	SBT	7.6	A	7.8	A	7.9	A	7.9	A
Intersection		23.6	C	23.6	C	23.7	C	23.7	C

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Phase 5 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					34.5	C	38.4	D
	EBR					0.3	A	0.3	A
	WBL	32.4	C	32.4	C				
	WBT					25.3	C	27.8	C
	WBR	14	B	13.9	B	2.2	A	1.6	A
	NBL					4.7	A	4.7	A
	NBT	8.9	A	9.3	A	18.7	B	14	B
	NBR								
	SBL	2.5	A	2.6	A	5.4	A	5.3	A
	SBT	5.5	A	5.8	A	19.9	B	16.2	B
	SBR					4.8	A	3.6	A
Intersection		7.4	A	7.8	A	18.1	B	15.1	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.9	D	46.5	D	47.7	D	46.2	D
	EBT	45	D	45.6	D	48.1	D	46.5	D
	EBR								
	WBL								
	WBT	103.1	F	121.1	F	132.9	F	120.8	F
	WBR								
	NBL							25.4	C
	NBT	23.8	C	27.1	C	42.4	D	20.3	C
	NBR	4	A	4.3	A	5	A	4.2	A
	SBL								
	SBT	25.2	C	26.4	C	26.7	C	27.8	C
Intersection		42.4	D	47.3	D	53	D	45.9	D
Lakeland Avenue & Manton Street	EBL								
	EBT	21.2	C	21.3	C	21.3	C	21.3	C
	EBR								
	WBL								
	WBT	15.7	B	15.7	B	15.8	B	15.8	B
	WBR								
	NBL								
	NBT	8.5	A	8.8	A	9.3	A	9.3	A
	NBR								
	SBL								
	SBT	12.2	B	13.1	B	14	B	14	B
Intersection		12	B	12.6	B	13.1	B	13.1	B

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Phase 5 Analysis
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		PM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.9	A	3.1	A	3.1	A
	EBT	2.7	A	2.9	A	3	A	3	A
	EBR								
	WBL								
	WBT	6.9	A	7.4	A	7.8	A	7.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.4	D	50.4	D
	SBT								
	SBR	15.3	B	19.1	B	20.8	C	20.8	C
Intersection		5.9	A	6.5	A	7	A	7	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	11.6	B	12.9	B	12.9	B
	EBR								
	WBL								
	WBT	7.2	A	7.9	A	8.1	A	8.1	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37	D	38	D	37.9	D	37.9	D
Intersection		11.3	B	12.2	B	12.9	B	12.9	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.8	B	12.2	B	12.2	B
	EBR								
	WBL								
	WBT	6.3	A	6.8	A	6.8	A	6.8	A
	WBR	2.4	A	2.2	A	2	A	2	A
	NBL	63.9	E	66.3	E	66.3	E	66.3	E
	NBT	33.2	C	33	C	33	C	33	C
	NBR								
	SBL								
	SBT	53.5	D	53.9	D	54	D	54	D
Intersection		17.2	B	18.1	B	18.2	B	18.2	B

NELSON & POPE
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Phase 5 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	12.2	B	11.8	B	11.9	B	11.9	B
	EBT	19.5	B	19	B	19	B	19	B
	EBR								
	WBL	16	B	17.6	B	17.9	B	17.9	B
	WBT	18.8	B	20.8	C	21.2	C	21.2	C
	WBR	6.8	A	7	A	7.1	A	7.1	A
	NBL								
	NBT	53.2	D	53	D	52.8	D	52.8	D
	NBR								
	SBL	54.9	D	61.9	E	63.9	E	63.9	E
	SBT	31.6	C	32	C	32.7	C	32.7	C
Intersection		27.4	C	28.6	C	29	C	29	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.9	C	23.8	C	23.8	C
	EBT	38.6	D	45.5	D	46.8	D	46.8	D
	EBR								
	WBL	2	A	2	A	2.1	A	2.1	A
	WBT	2.5	A	2.7	A	2.8	A	2.8	A
	WBR								
	NBL								
	NBT	29.2	C	28.8	C	28.9	C	28.9	C
	NBR								
	SBL								
	SBT	41.4	D	40.9	D	40.8	D	40.8	D
	SBR	8.1	A	8.5	A	8.5	A	8.5	A
Intersection		20.6	C	23.3	C	23.8	C	23.8	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.5	A	0.4	A	0.4	A	0.4	A
	EBT	3.2	A	3.6	A	3.7	A	3.7	A
	EBR	0.1	A	0	A	0	A	0	A
	WBL	19.1	B	22.6	C	23.4	C	23.4	C
	WBT	16.4	B	17.3	B	17.5	B	17.5	B
	WBR								
	NBL								
	NBT	48.7	D	49.3	D	49.3	D	49.3	D
	NBR	8.2	A	8.2	A	8.2	A	8.2	A
	SBL								
	SBT	26.3	C	26.4	C	26.4	C	26.4	C
Intersection		14.2	B	15	B	15.2	B	15.2	B

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Phase 5 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	55.4	E	55.7	E	55.7	E
	EBR								
	WBL								
	WBT	14.5	B	14.9	B	14.9	B	14.9	B
	WBR								
	NBL	13.4	B	13.4	B	13.7	B	13.7	B
	NBT	20.9	C	21	C	21.2	C	21.2	C
	NBR								
	SBL	7	A	6.5	A	6.5	A	6.5	A
	SBT	12.7	B	13.2	B	13.6	B	13.6	B
Intersection		21	C	21.5	C	21.8	C	21.8	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	17.4	B	19.3	B	17.4	B	17.4	B
	EBR								
	WBL								
	WBT	17.3	B	19.4	B	17.4	B	17.4	B
	WBR								
	NBL								
	NBT	17.5	B	19.5	B	17.5	B	17.5	B
	NBR								
	SBL	6.3	A	7.9	A	6.3	A	6.3	A
	SBT	6.2	A	7.8	A	6.3	A	6.3	A
	SBR								
	NWL	6.3	A	7.9	A	6.4	A	6.4	A
Intersection		8.9	A	10.6	B	8.6	A	8.6	A
Cherry Avenue & Brook Street	EBL								
	EBT	11.5	B	12.9	B	13.4	B	13.4	B
	EBR								
	WBL								
	WBT	12.5	B	14	B	14.4	B	14.4	B
	WBR								
	NBL								
	NBT	9.5	A	9.8	A	9.8	A	9.8	A
	NBR								
	SBL								
	SBT	13.2	B	15.4	B	15.7	B	15.7	B
Intersection		12.1	B	13.6	B	13.9	B	13.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.1	B	18.1	B	18.2	B	18.2	B
	WBT	18.9	B	19	B	19	B	19	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	18.7	B	19	B	20.4	C	20.4	C
	NBT	3.3	A	3.4	A	3.3	A	3.3	A
	NBR								
	SBL								
	SBT	19.1	B	19.1	B	19.2	B	19.2	B
	SBR	0.3	A	0.3	A	0.3	A	0.3	A
Intersection		14.3	B	14.4	B	14.8	B	14.8	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.7	C	20.6	C	20.6	C	20.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	0.9	A	0.9	A	1.9	A	1.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.6	B	15.8	B	16	B	16	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2	A	2	A	2	A	2	A
	SBT	1.7	A	1.7	A	1.7	A	1.7	A
Intersection		12.6	B	12.6	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.4	C	28.5	C	31.2	C	29.9	C
	WBT	27.7	C	27.8	C	27.9	C	26.9	C
	WBR	5.2	A	6.6	A	9.7	A	9.4	A
	NBL	54	D	55	D	62.9	E	56.7	E
	NBT	14.2	B	14.5	B	15	B	17.1	B
	NBR								
	SBL								
	SBT	29.7	C	30.8	C	32.7	C	30.5	C
	SBR	34.3	C	35.9	D	39.3	D	30.3	C
Intersection		26.7	C	27.4	C	29.7	C	27.9	C

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Phase 5 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	26.9	C	27.2	C	28.9	C	25.6	C
	EBT	24.8	C	25	C	26	C	25.2	C
	EBR	3.9	A	3.9	A	10.3	B	11	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	27.5	C	27.9	C	28.7	C	27.3	C
	NBR	13.5	B	15.3	B	17.7	B	16.7	B
	SBL	41.5	D	41.8	D	41.8	D	41.7	D
	SBT	23.1	C	23.6	C	22.1	C	19	B
Intersection		23.4	C	23.9	C	24.8	C	23.4	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	21.2	C	21.5	C	21.5	C	21.5	C
	WBT	21.7	C	22	C	22	C	22	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	34.5	C	34.5	C	34.5	C	34.5	C
	NBT	11.7	B	11.7	B	11.7	B	11.7	B
	NBR								
	SBL								
	SBT	19	B	19.2	B	19.2	B	19.2	B
	SBR	22.3	C	22.7	C	22.7	C	22.7	C
Intersection		20.7	C	20.9	C	20.9	C	20.9	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.3	C	23.3	C	23.3	C	23.3	C
	EBT	21	C	21	C	21	C	21	C
	EBR	23.1	C	23.1	C	23.1	C	23.1	C
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	18.2	B	18.5	B	18.5	B	18.5	B
	NBR	22.7	C	23.6	C	23.7	C	23.7	C
	SBL	35.9	D	35.9	D	36	D	36	D
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
Intersection		19.7	B	19.9	B	20	B	20	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.6	C	33.2	C
	EBT					1	A	0.6	A
	EBR	32.5	C	32.6	C				
	WBL					24.7	C	23.9	C
	WBT	13.6	B	13.6	B	4.9	A	3.4	A
	WBR					4.9	A	5.1	A
	NBL	9.3	A	9.7	A	16.8	B	14.6	B
	NBT								
	NBR	2.5	A	2.6	A	5.1	A	5.3	A
	SBL	5.4	A	5.7	A	16.9	B	14.8	B
	SBT					4	A	2.9	A
Intersection		7.8	A	8.1	A	16.2	B	14.4	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	44	D	44.7	D	45.6	D	45.1	D
	EBT	40.1	D	40.4	D	43.1	D	42.6	D
	EBR								
	WBL								
	WBT	48.1	D	48.9	D	49.6	D	49	D
	WBR								
	NBL							19.2	B
	NBT	20.8	C	21.7	C	26.5	C	19.8	B
	NBR	5	A	5.3	A	6.1	A	5	A
	SBL								
	SBT	22	C	23.2	C	24.7	C	24.8	C
Intersection		27.2	C	28	C	30.2	C	28.3	C
Lakeland Avenue & Manton Street	EBL	20.8	C	20.6	C	20.7	C	20.7	C
	EBT								
	EBR								
	WBL								
	WBT	14.4	B	14.4	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	8.2	A	8.6	A	9.2	A	9.2	A
	NBR								
	SBL								
	SBT	10.2	B	11	B	12.4	B	12.4	B
Intersection		10.3	B	10.9	B	11.7	B	11.7	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.9	A	1.9	A	2	A	2	A
	EBR								
	WBL								
	WBT	5	A	5.2	A	5.4	A	5.4	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.5	D	50.7	D	50.7	D	50.7	D
	SBT								
	SBR	16	B	16	B	16.1	B	16.1	B
Intersection		5.1	A	5.2	A	5.4	A	5.4	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.8	A	7.2	A	7.6	A	7.6	A
	EBR								
	WBL								
	WBT	5.5	A	6.3	A	6.6	A	6.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	36.5	D	37.3	D	37.3	D	37.3	D
Intersection		8.9	A	9.5	A	9.9	A	9.9	A
Greene Avenue & Montauk Highway	EBL								
	EBT	7.3	A	7.6	A	7.8	A	7.8	A
	EBR								
	WBL								
	WBT	6	A	7.2	A	8.4	A	8.2	A
	WBR	2.8	A	2.9	A	3.2	A	3.1	A
	NBL	49.2	D	49.5	D	49.8	D	49.8	D
	NBT	34.2	C	33.8	C	33.8	C	33.8	C
	NBR								
	SBL								
	SBT	52.6	D	52.5	D	52.4	D	52.4	D
Intersection		15.4	B	16	B	16.3	B	16.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	14.5	B	14.4	B	14.9	B	15.5	B
	EBT	18.1	B	18.1	B	17.9	B	18.5	B
	EBR								
	WBL	15.5	B	15.7	B	16.1	B	16.9	B
	WBT	19.2	B	19.9	B	20.8	C	21.9	C
	WBR	5.4	A	5.7	A	6.1	A	6.2	A
	NBL								
	NBT	50.6	D	51.1	D	51.2	D	51.2	D
	NBR								
	SBL	78.5	E	97.6	F	104.2	F	92	F
	SBT	29.6	C	30.3	C	31.9	C	30.9	C
Intersection		30.6	C	33.9	C	35.2	D	33.7	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	24.3	C	25.3	C	25.4	C	25.6	C
	EBT	32.5	C	33.9	C	34.3	C	34.3	C
	EBR								
	WBL	2	A	2.5	A	2.5	A	2.2	A
	WBT	3.3	A	3.7	A	3.8	A	3.6	A
	WBR								
	NBL								
	NBT	24.5	C	24.4	C	24.4	C	24.4	C
	NBR								
	SBL								
	SBT	41.4	D	41.6	D	41.6	D	41.6	D
	SBR	2.6	A	3	A	3	A	3	A
Intersection		16	B	16.7	B	16.9	B	16.8	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1	A	1	A	1	A	1	A
	EBT	2.5	A	2.6	A	2.7	A	2.7	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	18.8	B	20.5	C	21.8	C	21.4	C
	WBT	20.8	C	21.9	C	22.7	C	22.9	C
	WBR								
	NBL								
	NBT	43.2	D	43.8	D	43.6	D	43.6	D
	NBR	7.1	A	7.1	A	7	A	7	A
	SBL								
	SBT	22.1	C	22	C	22	C	22	C
Intersection		15.6	B	16.1	B	16.5	B	16.5	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	53.2	D	53.5	D	54.9	D	51.4	D
	EBT								
	EBR								
	WBL	26.6	C	26.4	C	26.1	C	26.4	C
	WBT								
	WBR								
	NBL	11.4	B	11.6	B	12	B	10.9	B
	NBT	17.9	B	18.3	B	19	B	16.4	B
	NBR	6.2	A	6.2	A	6.2	A	6.2	A
	SBL								
	SBT								
Intersection		19.1	B	19.9	B	20.9	C	17.9	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	14.5	B	14.4	B	14.4	B	14.4	B
	EBT								
	EBR								
	WBL	14.5	B	14.5	B	14.5	B	14.5	B
	WBT								
	WBR								
	NBL	19.1	B	19.1	B	19.1	B	19.1	B
	NBT								
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	6.2	A	6.1	A	6.1	A	6.1	A
	SBR	6.1	A	6.1	A	6.1	A	6.1	A
	NWL								
Intersection		7.5	A	7.5	A	7.2	A	7.2	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.6	B	11.9	B	11.9	B
	EBT								
	EBR								
	WBL	10.2	B	10.3	B	11	B	11	B
	WBT								
	WBR								
	NBL	9.3	A	9.3	A	9.6	A	9.6	A
	NBT								
	NBR								
	SBL	10.7	B	10.8	B	12.2	B	12.2	B
	SBT								
Intersection		10.3	B	10.3	B	11.4	B	11.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.6	C	24.2	C	39.6	E	39.1	E
	NB	9.1	A	9.2	A	9.5	A	9.5	A
Lakeland Avenue & Chester Road	EB	37.0	E	42.4	E	52.5	F	52.1	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.4	C	17.3	C	17.3	C
	WB	18.3	C	19.4	C	21.2	C	21.2	C
	NB	0.8	A	0.8	A	0.9	A	0.9	A
	SB	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue & Depot Street	EB	13.9	B	14.4	B	15.5	C	15.5	C
	NB	8.5	A	8.6	A	8.7	A	2.6	A
Railroad Avenue & Hiddink Street	WB	12.4	B	12.6	B	12.9	B	12.9	B
	NB	0.0		0.0		0.0		0	
	SB	3.1	A	3.1	A	3.2	A	3.2	A
Railroad Avenue & Center Street	EB	12.7	B	13.0	B	13.3	B	13.3	B
	NB	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.1	A	2.3	A	2.3	A	2.3	A
	WB	0.0	A	0.0	A	0.0	A	0	A
	NB	10.6	B	10.7	B	10.7	B	10.7	B
	SB	20.3	C	21.9	C	22.6	C	22.6	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.5	A	9.6	A	9.8	A	9.8	A
Bohemia Pkwy. & Terry Road	EB	0.3	A	0.3	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0	
	NB	11.3	B	11.4	B	12.1	B	12.1	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	NB	10.5	B	10.6	B	11.0	B	11	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.2	A	8.2	A
	WB	8.2	A	8.3	A	8.4	A	8.4	A
	SB	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.6	A	9.7	A	9.8	A	9.8	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.3	A	8.6	A	8.6	A
	WB	10.6	B	10.8	B	11.2	B	11.2	B
	NB	9.5	A	9.6	A	9.9	A	9.9	A
Tariff Street/Terry Road & Chester Road	EB	2.1	A	2.1	A	2.0	A	2	A
	WB	0.0		0.0		0.0		0	
	SB	10.1	B	10.2	B	10.3	B	10.3	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	8.9	A	9.0	A	9.3	A	9.3	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.1	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0	
	SB	2.4	A	2.4	A	4.5	A	4.5	A
Carrie Avenue & Marion Street	WB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	0.0		0.0		0.0		0	
	SB	1.0	A	1.0	A	1.0	A	1	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB	8.4	A	8.5	A	8.6	A	8.6	A
	WB	8.6	A	8.8	A	8.8	A	8.8	A
	NB	8.7	A	8.8	A	8.8	A	8.8	A
	SB	8.9	A	9.0	A	9.1	A	9.1	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		4.4	A	4.4	A
	NB	0.0	A	0.0	A	9.4	A	9.4	A
Terry Road & Site Access	EB	0.0		0.0		0.7	A	0.7	A
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	10.5	B	10.5	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.5	C	24.2	C	31.3	D	30.9	D
	NB	10.3	B	10.6	B	11.7	B	11.7	B
Lakeland Avenue & Chester Road	EB	83.0	F	115.4	F	277.8	F	233.4	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	23.1	C	25.0	C	27.8	D	27.8	D
	WB	24.6	C	28.0	D	32.6	D	32.6	D
	NB	0.2	A	0.2	A	0.2	A	0.2	A
	SB	0.5	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	25.6	D	28.6	D	35.7	E	35.7	E
	NB	3.8	A	4.0	A	4.1	A	4.1	A
Railroad Avenue & Hiddink Street	WB	26.3	D	30.5	D	33.5	D	33.5	D
	NB	0.0		0.0		0.0		0	
	SB	4.2	A	4.4	A	4.5	A	4.5	A
Railroad Avenue & Center Street	EB	28.9	D	32.2	D	33.2	D	33.2	D
	NB	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.3	A	2.6	A	2.7	A	2.7	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	62.1	F	93.8	F	85.8	F	85.8	F
	SB	19.2	C	20.6	C	21.0	C	21	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	9.2	A	9.2	A	9.4	A	9.4	A
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.1	A	0.0	A	0.0	A	0	A
	NB	11.8	B	12.0	B	12.7	B	12.7	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0	A	0.0	A	0.0	A	0	A
	NB	11.2	B	11.3	B	11.7	B	11.7	B
Terry Road & Sterling Place	EB	8.8	A	8.9	A	9.1	A	9.1	A
	WB	8.2	A	8.3	A	8.5	A	8.5	A
	SB	7.4	A	7.4	A	7.5	A	7.5	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0	A
	WB	0.0		0.0		0.0		0	
	SB	9.9	A	10.0	A	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.8	A	10.0	B	10.6	B	10.6	B
	WB	12.3	B	12.7	B	13.8	B	13.8	B
	NB	11.1	B	11.5	B	12.3	B	12.3	B
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0	
	SB	11.2	B	11.4	B	11.7	B	11.7	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	10.0	A	10.0	B	10.5	B	10.5	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.2	A	9.3	A	9.3	A
	NB	0.0		0.0		0.0		0	
	SB	2.4	A	2.3	A	4.5	A	4.5	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0	
	SB	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB	12.0	B	12.5	B	12.7	B	12.7	B
	WB	10.1	B	10.3	B	10.5	B	10.5	B
	NB	11.3	B	11.7	B	11.9	B	11.9	B
	SB	12.9	B	13.6	B	13.8	B	13.8	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		4.9	A	4.9	A
	NB	0.0	A	0.0	A	10.8	B	10.8	B
Terry Road & Site Access	EB	0.0		0.0		1.1	A	1.1	A
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	10.4	B	10.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	23.7	C	25.5	D	34.2	D	34.7	D
	NB	9.6	A	9.8	A	10.4	B	10.4	B
Lakeland Avenue & Chester Road	EB	63.3	F	83.6	F	169.5	F	162.2	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	18.1	C	19.0	C	21.6	C	21.6	C
	WB	27.1	D	31.1	D	41.8	E	41.8	E
	NB	0.3	A	0.3	A	0.3	A	0.3	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	28.3	D	32.7	D	45.5	E	45.5	E
	NB	3.6	A	3.8	A	4.0	A	4	A
Railroad Avenue & Hiddink Street	WB	30.8	D	36.4	E	50.5	F	50.5	F
	NB	0.0		0.0		0.0		0	
	SB	3.4	A	3.5	A	3.9	A	3.9	A
Railroad Avenue & Center Street	EB	23.0	C	25.1	D	27.4	D	27.4	D
	NB	1.6	A	1.6	A	1.6	A	1.6	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.7	A	1.9	A	1.9	A	1.9	A
	WB	0.3	A	0.4	A	0.4	A	0.4	A
	NB	52.5	F	68.7	F	73.6	F	73.6	F
	SB	16.8	C	17.6	C	18.3	C	18.3	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	SB	10.9	B	11.0	B	11.5	B	11.5	B
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0	
	NB	12.1	B	12.3	B	12.9	B	12.9	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0	
	WB	0.0		0.0		0.0		0	
	NB	10.6	B	10.7	B	11.3	B	11.3	B
Terry Road & Sterling Place	EB	8.6	A	8.7	A	9.1	A	9.1	A
	WB	8.3	A	8.3	A	8.7	A	8.7	A
	SB	7.3	A	7.3	A	7.5	A	7.5	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0	
	SB	10.1	B	10.2	B	10.6	B	10.6	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Mvt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.7	A	9.9	A	11.0	B	11	B
	WB	10.3	B	10.6	B	11.6	B	11.6	B
	NB	11.0	B	11.4	B	12.7	B	12.7	B
Tariff Street/Terry Road & Chester Road	EB	1.8	A	1.8	A	1.7	A	1.7	A
	WB	0.0		0.0		0.0		0	
	SB	10.3	B	10.3	B	10.7	B	10.7	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0	
	EB 2	0.0		0.0		0.0		0	
	NB	9.6	A	9.7	A	10.2	B	10.2	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0	
	SB	0.7	A	0.7	A	2.9	A	2.9	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0	
	SB	0.9	A	0.9	A	0.9	A	0.9	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	5.0	A	5.1	A	5.0	A	5	A
Lincoln Avenue & Hiddink Street	EB	9.9	A	10.1	B	10.4	B	10.4	B
	WB	9.4	A	9.6	A	9.9	A	9.9	A
	NB	10.6	B	10.9	B	11.2	B	11.2	B
	SB	10.4	B	10.6	B	10.9	B	10.9	B
Site Access & 11th Street	EB	7.0	A	7.0	A	0.0		0	
	WB	7.1	A	7.1	A	4.9	A	4.9	A
	NB	7.0	A	7.0	A	10.1	B	10.1	B
Terry Road & Site Access	EB	0.0		0.0		0.8	A	0.8	A
	WB	0.0		0.0		0.0		0	
	SB	0.0	A	0.0	A	12.2	B	12.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	79.6	E	80.6	F	80.6	F
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.7	B	20.1	C	20.1	C
	NBT	7.9	A	7.8	A	8.2	A	8.2	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
Intersection		51.2	D	61.6	E	61.5	E	61.5	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.3	C	21.3	C
	EBT	21.0	C	21.0	C	21.0	C	21.0	C
	EBR	0.4	A	0.4	A	0.5	A	0.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14.0	B	14.1	B	14.5	B	14.5	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	5.7	A	5.7	A	5.8	A	5.8	A
	SBT	5.7	A	5.7	A	5.8	A	5.8	A
Intersection		12.5	B	12.6	B	12.6	B	12.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.7	C	21.2	C	21.9	C	21.3	C
	WBT	70.8	E	92.3	F	104.0	F	91.4	F
	WBR	19.4	B	20.6	C	21.3	C	20.5	C
	NBL	46.5	D	47.1	D	53.9	D	50.3	D
	NBT	14.6	B	15.1	B	18.7	B	19.5	B
	NBR								
	SBL								
	SBT	35.5	D	35.7	D	37.0	D	30.9	C
	SBR	42.5	D	43.0	D	45.4	D	38.3	D
Intersection		41.6	D	49.7	D	54.2	D	49.0	D

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	29.7	C	31.4	C	40.8	D	29.7	C
	EBT	26.0	C	27.1	C	33.4	C	24.4	C
	EBR	5.5	A	6.0	A	7.3	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.5	C	34.4	C	33.9	C
	NBR	15.8	B	17.0	B	16.6	B	16.7	B
	SBL	39.4	D	40.5	D	40.0	D	38.4	D
	SBT	14.6	B	14.6	B	14.4	B	15.0	B
Intersection		24.7	C	25.5	C	28.8	C	25.0	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.6	C	24.6	C	24.6	C
	WBT	127.1	F	147.1	F	148.3	F	148.3	F
	WBR	31.1	C	32.1	C	32.2	C	32.2	C
	NBL	39.4	D	38.7	D	38.6	D	38.6	D
	NBT	17.1	B	16.6	B	16.6	B	16.6	B
	NBR								
	SBL								
	SBT	19.0	B	19.1	B	19.1	B	19.1	B
	SBR	21.6	C	21.9	C	21.9	C	21.9	C
Intersection		75.0	E	84.9	F	85.5	F	85.5	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35.8	D	35.9	D	35.9	D
	EBT	19.5	B	19.7	B	20.1	C	20.1	C
	EBR	19.7	B	19.8	B	19.8	B	19.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.3	B	19.3	B	19.3	B
	NBR	22.9	C	23.2	C	23.3	C	23.3	C
	SBL	36.9	D	37.1	D	37.2	D	37.2	D
	SBT	14.4	B	14.7	B	14.7	B	14.7	B
Intersection		24.5	C	25.0	C	24.9	C	24.9	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					34.6	C	37.3	D
	EBR					0.3	A	0.3	A
	WBL	31.2	C	31.2	C				
	WBT					22.1	C	22.9	C
	WBR	13.8	B	13.7	B	6.9	A	5.6	A
	NBL					5.5	A	5.2	A
	NBT	9.7	A	10.5	B	26.5	C	21.4	C
	NBR								
	SBL	2.5	A	2.6	A	6.5	A	6.5	A
	SBT	3.6	A	3.7	A	11.1	B	10.5	B
	SBR					1.4	A	0.9	A
Intersection		8.3	A	8.7	A	20.9	C	18.4	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.5	D	47.0	D	47.2	D	47.2	D
	EBT	39.8	D	40.0	D	41.6	D	41.6	D
	EBR								
	WBL								
	WBT	54.5	D	56.9	E	57.1	E	57.1	E
	WBR								
	NBL							16.5	B
	NBT	19.9	B	20.7	C	21.4	C	19.5	B
	NBR	3.5	A	3.8	A	4.1	A	3.5	A
	SBL								
	SBT	19.0	B	19.8	B	20.5	C	20.5	C
Intersection		29.5	C	30.5	C	31.0	C	30.4	C
Lakeland Avenue & Manton Street	EBL								
	EBT	23.5	C	23.9	C	24.0	C	24.0	C
	EBR								
	WBL								
	WBT	13.5	B	13.6	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	8.0	A	8.4	A	8.5	A	8.5	A
	NBR								
	SBL								
	SBT	7.9	A	8.3	A	8.8	A	8.8	A
Intersection		10.9	B	11.2	B	11.3	B	11.3	B

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Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.1	A	1.1	A	1.1	A	1.1	A
	EBR								
	WBL								
	WBT	8.5	A	10.2	B	12.1	B	12.1	B
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	32.8	C	33.0	C	32.8	C	32.8	C
	SBT								
	SBR	20.7	C	23.8	C	25.2	C	25.2	C
Intersection		8.1	A	9.5	A	10.9	B	10.9	B
Montauk Highway & Cherry Avenue	EBL								
	EBT	3.3	A	3.4	A	3.4	A	3.4	A
	EBR								
	WBL								
	WBT	6.5	A	7.3	A	7.8	A	7.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	24.1	C	24.2	C	23.7	C	23.7	C
Intersection		6.7	A	7.2	A	7.6	A	7.6	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.7	A	5.7	A	5.7	A
	EBR								
	WBL								
	WBT	8.0	A	8.7	A	8.9	A	8.9	A
	WBR	3.2	A	3.3	A	3.5	A	3.5	A
	NBL	41.5	D	42.1	D	42.4	D	42.4	D
	NBT	28.7	C	28.5	C	28.5	C	28.5	C
	NBR								
	SBL								
	SBT	29.9	C	29.7	C	29.8	C	29.8	C
Intersection		12.5	B	12.9	B	13.0	B	13.0	B

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Project Name: Grey Barn Island Hills

Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.2	B	16.9	B	17.4	B	17.4	B
	EBT	12.2	B	13.8	B	14.3	B	14.3	B
	EBR								
	WBL	12.1	B	12.4	B	12.3	B	12.3	B
	WBT	21.0	C	26.9	C	27.1	C	27.2	C
	WBR	4.5	A	4.9	A	4.9	A	4.9	A
	NBL								
	NBT	42.7	D	43.4	D	43.5	D	43.5	D
	NBR								
	SBL	28.1	C	26.7	C	27.3	C	27.3	C
	SBT	26.1	C	25.0	C	25.6	C	25.6	C
Intersection		21.5	C	24.3	C	24.7	C	24.7	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	20.9	C	20.7	C	20.7	C
	EBT	19.7	B	18.9	B	19.0	B	19.0	B
	EBR								
	WBL	2.7	A	2.8	A	2.8	A	2.8	A
	WBT	4.4	A	5.4	A	5.4	A	5.4	A
	WBR								
	NBL								
	NBT	28.0	C	28.0	C	28.0	C	28.0	C
	NBR								
	SBL								
	SBT	30.3	C	30.5	C	30.5	C	30.5	C
	SBR	0.7	A	0.8	A	0.7	A	0.7	A
Intersection		8.9	A	9.5	A	9.5	A	9.5	A
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.4	A	0.6	A	0.6	A	0.6	A
	EBT	1.3	A	1.3	A	1.3	A	1.3	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10.0	A	8.8	A	8.6	A	12.1	B
	WBT	27.8	C	28.5	C	28.2	C	34.0	C
	WBR								
	NBL								
	NBT	43.1	D	45.4	D	45.4	D	45.4	D
	NBR	3.2	A	3.7	A	3.7	A	3.7	A
	SBL								
	SBT	18.5	B	18.6	B	18.6	B	18.6	B
Intersection		20.5	C	21.1	C	20.8	C	23.9	C

NELSON & POPE
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Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	39.3	D	39.8	D	40.5	D	39.1	D
	EBR								
	WBL								
	WBT	25.7	C	24.8	C	25.0	C	25.5	C
	WBR								
	NBL	4.4	A	5.2	A	5.5	A	3.8	A
	NBT	4.5	A	5.1	A	5.4	A	3.5	A
	NBR								
	SBL	4.7	A	5.0	A	5.0	A	4.7	A
	SBT	10.2	B	11.4	B	11.8	B	9.1	A
Intersection		11.3	B	12.2	B	12.6	B	10.3	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.9	B	15.8	B	17.6	B	17.6	B
	EBR								
	WBL								
	WBT	16.6	B	16.6	B	18.5	B	18.5	B
	WBR								
	NBL								
	NBT	20.2	C	20.2	C	22.2	C	22.2	C
	NBR								
	SBL	7.5	A	7.5	A	9.0	A	9.0	A
	SBT	7.5	A	7.5	A	9.0	A	9.0	A
	SBR								
	NWL	7.5	A	7.5	A	9.0	A	9.0	A
Intersection		9.8	A	9.7	A	11.1	B	11.1	B
Cherry Avenue & Brook Street	EBL								
	EBT	14.0	B	14.5	B	14.6	B	14.6	B
	EBR								
	WBL								
	WBT	11.4	B	11.6	B	11.6	B	11.6	B
	WBR								
	NBL								
	NBT	13.7	B	14.1	B	14.2	B	14.2	B
	NBR								
	SBL								
	SBT	12.5	B	12.7	B	13.4	B	13.4	B
Intersection		13.2	B	13.5	B	13.7	B	13.7	B

NELSON & POPE

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Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.8	B	18.8	B	18.8	B
	WBT	71.5	E	86.8	F	88.0	F	88.0	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.6	B	18.5	B	18.5	B
	NBT	4.0	A	4.1	A	3.9	A	3.9	A
	NBR								
	SBL								
	SBT	20.1	C	20.2	C	20.2	C	20.2	C
	SBR	1.8	A	2.0	A	2.0	A	2.0	A
Intersection		47.6	D	57.0	E	57.1	E	57.1	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20.0	C	20.0	B	20.0	B
	EBT	21.2	C	21.3	C	21.5	C	21.5	C
	EBR	0.8	A	0.8	A	2.2	A	2.2	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	18.1	B	18.1	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.7	A	2.8	A	2.8	A
	SBT	2.4	A	2.5	A	2.5	A	2.5	A
Intersection		12.0	B	12.1	B	12.3	B	12.3	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	30.1	C	33.3	C	31.6	C
	WBT	139.7	F	160.5	F	162.0	F	143.6	F
	WBR	9.6	A	11.1	B	14.5	B	14.4	B
	NBL	46.0	D	45.5	D	48.3	D	47.5	D
	NBT	15.5	B	15.6	B	16.6	B	20.0	C
	NBR								
	SBL								
	SBT	67.7	E	82.0	F	124.2	F	54.4	D
	SBR	89.3	F	104.3	F	143.0	F	48.9	D
Intersection		78.0	E	89.8	F	102.9	F	70.6	E

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Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	28.0	C	28.7	C	31.5	C	25.1	C
	EBT	24.8	C	25.2	C	27.2	C	24.7	C
	EBR	6.2	A	7.7	A	18.1	B	18.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.7	C	32.3	C	32.0	C
	NBR	20.5	C	21.5	C	20.8	C	20.9	C
	SBL	44.5	D	44.3	D	41.2	D	45.1	D
	SBT	28.2	C	28.0	C	26.2	C	25.9	C
Intersection		26.8	C	27.2	C	28.1	C	27.4	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.9	C	23.9	C	23.9	C
	WBT	76.9	E	93.1	F	94.2	F	94.2	F
	WBR	22.8	C	23.2	C	23.3	C	23.3	C
	NBL	30.4	C	30.2	C	30.3	C	30.3	C
	NBT	12.8	B	12.8	B	12.7	B	12.7	B
	NBR								
	SBL								
	SBT	20.1	C	22.3	C	22.4	C	22.4	C
	SBR	80.1	F	138.2	F	139.0	F	139.0	F
Intersection		52.5	D	69.7	E	70.2	E	70.2	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.6	C	23.6	C	23.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.0	C	22.3	C	22.3	C	22.3	C
	NBR	29.6	C	31.3	C	31.3	C	31.3	C
	SBL	41.2	D	40.0	D	40.0	D	40.0	D
	SBT	7.6	A	7.9	A	7.9	A	7.9	A
Intersection		23.6	C	23.7	C	23.7	C	23.7	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					34.5	C	38.4	D
	EBR					0.3	A	0.3	A
	WBL	32.4	C	32.4	C				
	WBT					25.3	C	27.8	C
	WBR	14.0	B	13.9	B	2.2	A	1.6	A
	NBL					4.7	A	4.7	A
	NBT	8.9	A	9.3	A	18.7	B	14.0	B
	NBR								
	SBL	2.5	A	2.6	A	5.4	A	5.4	A
	SBT	5.5	A	5.8	A	19.9	B	17.6	B
	SBR					4.8	A	4.2	A
Intersection		7.4	A	7.8	A	18.1	B	15.7	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.9	D	46.5	D	47.7	D	46.5	D
	EBT	45.0	D	45.6	D	48.1	D	46.9	D
	EBR								
	WBL								
	WBT	103.1	F	126.3	F	138.5	F	117.1	F
	WBR								
	NBL							26.2	C
	NBT	23.8	C	27.1	C	42.4	D	20.6	C
	NBR	4.0	A	4.3	A	5.0	A	4.5	A
	SBL								
	SBT	25.2	C	26.4	C	26.7	C	28.3	C
Intersection		42.4	D	48.5	D	54.2	D	45.5	D
Lakeland Avenue & Manton Street	EBL								
	EBT	21.2	C	21.3	C	21.3	C	21.3	C
	EBR								
	WBL								
	WBT	15.7	B	15.7	B	15.8	B	15.8	B
	WBR								
	NBL								
	NBT	8.5	A	8.9	A	9.4	A	9.4	A
	NBR								
	SBL								
	SBT	12.2	B	13.3	B	14.2	B	14.2	B
Intersection		12.0	B	12.7	B	13.2	B	13.2	B

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		PM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	3.0	A	3.2	A	3.2	A
	EBT	2.7	A	3.0	A	3.1	A	3.1	A
	EBR								
	WBL								
	WBT	6.9	A	7.7	A	8.2	A	8.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.4	D	50.4	D
	SBT								
	SBR	15.3	B	20.4	C	21.6	C	21.6	C
Intersection		5.9	A	6.8	A	7.2	A	7.2	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	12.1	B	13.7	B	13.7	B
	EBR								
	WBL								
	WBT	7.2	A	8.1	A	8.1	A	8.1	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37.0	D	38.0	D	37.9	D	37.9	D
Intersection		11.3	B	12.4	B	13.2	B	13.2	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.7	B	12.0	B	12.0	B
	EBR								
	WBL								
	WBT	6.3	A	6.9	A	7.0	A	7.0	A
	WBR	2.4	A	2.0	A	1.9	A	1.9	A
	NBL	63.9	E	66.3	E	66.3	E	66.3	E
	NBT	33.2	C	33.0	C	33.0	C	33.0	C
	NBR								
	SBL								
	SBT	53.5	D	53.9	D	54.0	D	54.0	D
Intersection		17.2	B	18.0	B	18.1	B	18.1	B

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Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	12.2	B	11.5	B	11.6	B	11.6	B
	EBT	19.5	B	18.6	B	18.4	B	18.4	B
	EBR								
	WBL	16.0	B	18.1	B	18.1	B	18.1	B
	WBT	18.8	B	21.3	C	21.6	C	21.6	C
	WBR	6.8	A	7.1	A	7.1	A	7.1	A
	NBL								
	NBT	53.2	D	52.9	D	52.9	D	52.9	D
	NBR								
	SBL	54.9	D	64.9	E	67.1	E	67.1	E
	SBT	31.6	C	32.8	C	33.6	C	33.6	C
Intersection		27.4	C	29.0	C	29.4	C	29.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.9	C	23.6	C	23.6	C
	EBT	38.6	D	48.6	D	49.0	D	49.0	D
	EBR								
	WBL	2.0	A	2.2	A	2.1	A	2.1	A
	WBT	2.5	A	2.9	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	29.2	C	28.6	C	28.8	C	28.8	C
	NBR								
	SBL								
	SBT	41.4	D	40.7	D	40.7	D	40.7	D
	SBR	8.1	A	8.4	A	8.4	A	8.4	A
Intersection		20.6	C	24.6	C	24.6	C	24.6	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.5	A	0.4	A	0.4	A	0.4	A
	EBT	3.2	A	3.8	A	3.9	A	3.9	A
	EBR	0.1	A	0.0	A	0.0	A	0.0	A
	WBL	19.1	B	23.8	C	24.5	C	24.5	C
	WBT	16.4	B	18.2	B	17.8	B	17.8	B
	WBR								
	NBL								
	NBT	48.7	D	49.0	D	48.9	D	48.9	D
	NBR	8.2	A	8.2	A	8.2	A	8.2	A
	SBL								
	SBT	26.3	C	26.3	C	26.3	C	26.3	C
Intersection		14.2	B	15.4	B	15.3	B	15.3	B

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		PM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	55.4	E	55.7	E	55.7	E
	EBR								
	WBL								
	WBT	14.5	B	14.9	B	14.9	B	14.9	B
	WBR								
	NBL	13.4	B	13.5	B	13.7	B	13.7	B
	NBT	20.9	C	21.2	C	21.4	C	21.4	C
	NBR								
	SBL	7.0	A	6.5	A	6.5	A	6.5	A
	SBT	12.7	B	13.4	B	13.7	B	13.7	B
Intersection		21.0	C	21.7	C	21.9	C	21.9	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	17.4	B	19.3	B	17.4	B	17.4	B
	EBR								
	WBL								
	WBT	17.3	B	19.4	B	17.4	B	17.4	B
	WBR								
	NBL								
	NBT	17.5	B	19.5	B	17.5	B	17.5	B
	NBR								
	SBL	6.3	A	7.9	A	6.3	A	6.3	A
	SBT	6.2	A	7.8	A	6.3	A	6.3	A
	SBR								
	NWL	6.3	A	7.9	A	6.4	A	6.4	A
Intersection		8.9	A	10.6	B	8.6	A	8.6	A
Cherry Avenue & Brook Street	EBL								
	EBT	11.5	B	12.9	B	13.4	B	13.4	B
	EBR								
	WBL								
	WBT	12.5	B	14.0	B	14.4	B	14.4	B
	WBR								
	NBL								
	NBT	9.5	A	9.8	A	9.8	A	9.8	A
	NBR								
	SBL								
	SBT	13.2	B	15.4	B	15.7	B	15.7	B
Intersection		12.1	B	13.6	B	13.9	B	13.9	B

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Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.1	B	18.1	B	18.2	B	18.2	B
	WBT	18.9	B	19.0	B	19.0	B	19.0	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	18.7	B	19.0	B	20.4	C	20.4	C
	NBT	3.3	A	3.4	A	3.3	A	3.3	A
	NBR								
	SBL								
	SBT	19.1	B	19.1	B	19.2	B	19.2	B
	SBR	0.3	A	0.3	A	0.3	A	0.3	A
Intersection		14.3	B	14.4	B	14.8	B	14.8	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.7	C	20.6	C	20.6	C	20.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	0.9	A	0.9	A	1.9	A	1.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.6	B	15.8	B	16.0	B	16.0	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.0	A	2.0	A	2.0	A	2.0	A
	SBT	1.7	A	1.7	A	1.7	A	1.7	A
Intersection		12.6	B	12.6	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.4	C	28.5	C	31.2	C	29.9	C
	WBT	27.7	C	27.8	C	27.9	C	26.9	C
	WBR	5.2	A	6.6	A	9.7	A	9.4	A
	NBL	54.0	D	55.0	D	62.9	E	56.7	E
	NBT	14.2	B	14.5	B	15.0	B	17.1	B
	NBR								
	SBL								
	SBT	29.7	C	30.8	C	32.7	C	30.5	C
	SBR	34.3	C	35.9	D	39.3	D	30.3	C
Intersection		26.7	C	27.4	C	29.7	C	27.9	C

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		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	26.9	C	27.2	C	28.9	C	25.6	C
	EBT	24.8	C	25.0	C	26.0	C	25.2	C
	EBR	3.9	A	3.9	A	10.3	B	11.0	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	27.5	C	27.9	C	28.7	C	27.3	C
	NBR	13.5	B	15.3	B	17.7	B	16.7	B
	SBL	41.5	D	41.8	D	41.8	D	41.7	D
	SBT	23.1	C	23.6	C	22.1	C	19.0	B
Intersection		23.4	C	23.9	C	24.8	C	23.4	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	21.2	C	21.7	C	21.7	C	21.7	C
	WBT	21.7	C	22.0	C	22.0	C	22.0	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	34.5	C	34.5	C	34.5	C	34.5	C
	NBT	11.7	B	11.7	B	11.7	B	11.7	B
	NBR								
	SBL								
	SBT	19.0	B	19.2	B	19.2	B	19.2	B
	SBR	22.3	C	22.7	C	22.7	C	22.7	C
Intersection		20.7	C	20.9	C	20.9	C	20.9	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.3	C	23.3	C	23.3	C	23.3	C
	EBT	21.0	C	21.0	C	21.0	C	21.0	C
	EBR	23.1	C	23.1	C	23.1	C	23.1	C
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	18.2	B	18.5	B	18.5	B	18.5	B
	NBR	22.7	C	24.1	C	24.1	C	24.1	C
	SBL	35.9	D	35.7	D	35.7	D	35.7	D
	SBT	7.7	A	7.8	A	7.8	A	7.8	A
Intersection		19.7	B	20.0	B	20.0	B	20.0	B

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Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.6	C	34.5	C
	EBT					1.0	A	0.6	A
	EBR	32.5	C	32.6	C				
	WBL					24.7	C	24.8	C
	WBT	13.6	B	13.6	B	4.9	A	3.5	A
	WBR					4.9	A	5.1	A
	NBL	9.3	A	9.7	A	16.8	B	14.1	B
	NBT								
	NBR	2.5	A	2.6	A	5.1	A	5.4	A
	SBL	5.4	A	5.7	A	16.9	B	16.1	B
	SBT					4.0	A	3.2	A
Intersection		7.8	A	8.1	A	16.2	B	14.9	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	44.0	D	44.9	D	45.6	D	45.1	D
	EBT	40.1	D	40.5	D	43.1	D	42.6	D
	EBR								
	WBL								
	WBT	48.1	D	49.4	D	49.6	D	49.0	D
	WBR								
	NBL							19.2	B
	NBT	20.8	C	21.9	C	26.5	C	19.8	B
	NBR	5.0	A	5.3	A	6.1	A	5.0	A
	SBL								
	SBT	22.0	C	23.4	C	24.7	C	24.8	C
Intersection		27.2	C	28.2	C	30.2	C	28.3	C
Lakeland Avenue & Manton Street	EBL								
	EBT	20.8	C	20.6	C	20.7	C	20.7	C
	EBR								
	WBL								
	WBT	14.4	B	14.4	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	8.2	A	8.7	A	9.3	A	9.3	A
	NBR								
	SBL								
	SBT	10.2	B	11.2	B	12.6	B	12.6	B
Intersection		10.3	B	11.0	B	11.9	B	11.9	B

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		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.9	A	2.0	A	2.1	A	2.1	A
	EBR								
	WBL								
	WBT	5.0	A	5.2	A	5.5	A	5.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.5	D	50.7	D	50.7	D	50.7	D
	SBT								
	SBR	16.0	B	16.0	B	16.1	B	16.1	B
Intersection		5.1	A	5.3	A	5.4	A	5.4	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.8	A	7.3	A	7.8	A	7.8	A
	EBR								
	WBL								
	WBT	5.5	A	6.5	A	6.8	A	6.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	36.5	D	37.3	D	37.3	D	37.3	D
Intersection		8.9	A	9.7	A	10.0	B	10.0	B
Greene Avenue & Montauk Highway	EBL								
	EBT	7.3	A	7.7	A	7.9	A	7.9	A
	EBR								
	WBL								
	WBT	6.0	A	7.9	A	8.9	A	8.7	A
	WBR	2.8	A	3.0	A	3.3	A	3.2	A
	NBL	49.2	D	49.5	D	49.8	D	49.8	D
	NBT	34.2	C	33.8	C	33.8	C	33.8	C
	NBR								
	SBL								
	SBT	52.6	D	52.5	D	52.4	D	52.4	D
Intersection		15.4	B	16.1	B	16.4	B	16.3	B

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Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	14.5	B	14.4	B	14.9	B	15.5	B
	EBT	18.1	B	18.0	B	17.7	B	18.3	B
	EBR								
	WBL	15.5	B	15.7	B	16.4	B	17.2	B
	WBT	19.2	B	20.1	C	21.4	C	22.5	C
	WBR	5.4	A	5.8	A	6.2	A	6.4	A
	NBL								
	NBT	50.6	D	51.1	D	51.3	D	51.3	D
	NBR								
	SBL	78.5	E	105.1	F	111.7	F	98.8	F
	SBT	29.6	C	31.1	C	32.7	C	31.8	C
Intersection		30.6	C	35.0	C	36.4	D	34.8	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	24.3	C	25.6	C	25.7	C	25.8	C
	EBT	32.5	C	34.5	C	34.9	C	34.9	C
	EBR								
	WBL	2.0	A	2.5	A	2.5	A	2.2	A
	WBT	3.3	A	3.8	A	3.8	A	3.6	A
	WBR								
	NBL								
	NBT	24.5	C	24.4	C	24.4	C	24.4	C
	NBR								
	SBL								
	SBT	41.4	D	41.6	D	41.6	D	41.6	D
	SBR	2.6	A	3.0	A	3.0	A	3.0	A
Intersection		16.0	B	17.0	B	17.2	B	17.1	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.0	A	1.0	A	1.0	A	1.0	A
	EBT	2.5	A	2.7	A	2.7	A	2.7	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	18.8	B	21.4	C	22.6	C	22.1	C
	WBT	20.8	C	22.6	C	23.4	C	23.4	C
	WBR								
	NBL								
	NBT	43.2	D	43.4	D	43.3	D	43.3	D
	NBR	7.1	A	7.1	A	7.0	A	7.0	A
	SBL								
	SBT	22.1	C	21.9	C	21.9	C	21.9	C
Intersection		15.6	B	16.4	B	16.7	B	16.7	B

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Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	53.2	D	53.5	D	54.9	D	51.4	D
	EBT								
	EBR								
	WBL	26.6	C	26.4	C	26.1	C	26.4	C
	WBT								
	WBR								
	NBL	11.4	B	11.6	B	12.0	B	11.0	B
	NBT	17.9	B	18.5	B	19.2	B	16.5	B
	NBR	6.2	A	6.2	A	6.2	A	6.2	A
	SBL								
	SBT								
Intersection		19.1	B	20.1	C	21.1	C	17.9	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	14.5	B	14.4	B	14.4	B	14.4	B
	EBT								
	EBR								
	WBL	14.5	B	14.5	B	14.5	B	14.5	B
	WBT								
	WBR								
	NBL	19.1	B	19.1	B	19.1	B	19.1	B
	NBT								
	NBR								
	SBL	6.0	A	6.0	A	6.0	A	6.0	A
	SBT	6.2	A	6.1	A	6.1	A	6.1	A
	SBR	6.1	A	6.1	A	6.1	A	6.1	A
	NWL								
Intersection		7.5	A	7.5	A	7.2	A	7.2	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.6	B	11.9	B	11.9	B
	EBT								
	EBR								
	WBL	10.2	B	10.3	B	11.0	B	11.0	B
	WBT								
	WBR								
	NBL	9.3	A	9.3	A	9.6	A	9.6	A
	NBT								
	NBR								
	SBL	10.7	B	10.8	B	12.2	B	12.2	B
	SBT								
Intersection		10.3	B	10.3	B	11.4	B	11.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.6	C	24.2	C	39.6	E	39.0	E
	NB	9.1	A	9.2	A	9.5	A	9.5	A
Lakeland Avenue & Chester Road	EB	37.0	E	42.4	E	52.5	F	52.2	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.6	C	17.3	C	17.3	C
	WB	18.3	C	19.7	C	21.2	C	21.2	C
	NB	0.8	A	0.8	A	0.8	A	0.8	A
	SB	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue & Depot Street	EB	13.9	B	14.5	B	15.6	C	15.6	C
	NB	8.5	A	8.6	A	8.7	A	2.6	A
Railroad Avenue & Hiddink Street	WB	12.4	B	12.7	B	12.9	B	12.9	B
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	3.1	A	3.2	A	3.2	A
Railroad Avenue & Center Street	EB	12.7	B	13.1	B	13.4	B	13.4	B
	NB	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.1	A	2.3	A	2.3	A	2.3	A
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.6	B	10.7	B	10.8	B	10.8	B
	SB	20.3	C	22.4	C	23.0	C	23.0	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.8	A	9.8	A
Bohemia Pkwy. & Terry Road	EB	0.3	A	0.3	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.3	B	11.4	B	12.1	B	12.1	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.5	B	10.6	B	11.0	B	11.0	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.2	A	8.2	A
	WB	8.2	A	8.3	A	8.4	A	8.4	A
	SB	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.7	A	9.8	A	9.8	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.3	A	8.6	A	8.6	A
	WB	10.6	B	10.8	B	11.2	B	11.2	B
	NB	9.5	A	9.6	A	9.9	A	9.9	A
Tariff Street/Terry Road & Chester Road	EB	2.1	A	2.1	A	2.0	A	2.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.2	B	10.3	B	10.3	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	8.9	A	9.0	A	9.3	A	9.3	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.1	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	2.4	A	2.4	A	4.5	A	4.5	A
Carrie Avenue & Marion Street	WB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.0	A	1.0	A	1.0	A	1.0	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB	8.4	A	8.5	A	8.6	A	8.6	A
	WB	8.6	A	8.8	A	8.8	A	8.8	A
	NB	8.7	A	8.8	A	8.8	A	8.8	A
	SB	8.9	A	9.0	A	9.1	A	9.1	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.4	A	4.4	A
	NB	0.0	A	0.0	A	9.4	A	9.4	A
Terry Road & Site Access	EB	0.0		0.0		0.7	A	0.7	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.5	B	10.5	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.5	C	24.2	C	31.3	D	30.7	D
	NB	10.3	B	10.6	B	11.7	B	11.7	B
Lakeland Avenue & Chester Road	EB	83.0	F	115.4	F	277.8	F	245.9	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	23.1	C	25.7	D	28.5	D	28.5	D
	WB	24.6	C	29.2	D	33.9	D	33.9	D
	NB	0.2	A	0.2	A	0.2	A	0.2	A
	SB	0.5	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	25.6	D	29.3	D	36.7	E	36.7	E
	NB	3.8	A	4.0	A	4.1	A	4.1	A
Railroad Avenue & Hiddink Street	WB	26.3	D	31.5	D	34.4	D	34.4	D
	NB	0.0		0.0		0.0		0.0	
	SB	4.2	A	4.4	A	4.6	A	4.6	A
Railroad Avenue & Center Street	EB	28.9	D	32.9	D	33.8	D	33.8	D
	NB	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.3	A	2.7	A	2.8	A	2.8	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	62.1	F	107.0	F	95.7	F	95.7	F
	SB	19.2	C	21.2	C	21.5	C	21.5	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.2	A	9.2	A	9.4	A	9.4	A
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.1	A	0.0	A	0.0	A	0.0	A
	NB	11.8	B	12.0	B	12.7	B	12.7	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	11.2	B	11.3	B	11.7	B	11.7	B
Terry Road & Sterling Place	EB	8.8	A	8.9	A	9.1	A	9.1	A
	WB	8.2	A	8.3	A	8.5	A	8.5	A
	SB	7.4	A	7.4	A	7.5	A	7.5	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	10.0	A	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.8	A	10.0	B	10.6	B	10.6	B
	WB	12.3	B	12.7	B	13.8	B	13.8	B
	NB	11.1	B	11.5	B	12.3	B	12.3	B
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	11.2	B	11.4	B	11.7	B	11.7	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	10.0	A	10.0	B	10.5	B	10.5	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.2	A	9.3	A	9.3	A
	NB	0.0		0.0		0.0		0.0	
	SB	2.4	A	2.3	A	4.5	A	4.5	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB	12.0	B	12.5	B	12.7	B	12.7	B
	WB	10.1	B	10.3	B	10.5	B	10.5	B
	NB	11.3	B	11.7	B	11.9	B	11.9	B
	SB	12.9	B	13.6	B	13.8	B	13.8	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.9	A	4.9	A
	NB	0.0	A	0.0	A	10.8	B	10.8	B
Terry Road & Site Access	EB	0.0		0.0		1.1	A	1.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.4	B	10.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	23.7	C	25.5	D	34.2	D	34.4	D
	NB	9.6	A	9.8	A	10.4	B	10.4	B
Lakeland Avenue & Chester Road	EB	63.3	F	83.6	F	169.5	F	164.8	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	18.1	C	19.4	C	22.1	C	22.1	C
	WB	27.1	D	32.5	D	43.6	E	43.6	E
	NB	0.3	A	0.3	A	0.3	A	0.3	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	28.3	D	33.8	D	47.3	E	47.3	E
	NB	3.6	A	3.8	A	4.0	A	4.0	A
Railroad Avenue & Hiddink Street	WB	30.8	D	37.9	E	52.8	F	52.8	F
	NB	0.0		0.0		0.0		0.0	
	SB	3.4	A	3.5	A	4.0	A	4.0	A
Railroad Avenue & Center Street	EB	23.0	C	25.6	D	27.9	D	27.9	D
	NB	1.6	A	1.6	A	1.6	A	1.6	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.7	A	1.9	A	2.0	A	2.0	A
	WB	0.3	A	0.4	A	0.4	A	0.4	A
	NB	52.5	F	76.6	F	81.9	F	81.9	F
	SB	16.8	C	18.0	C	18.7	C	18.7	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.9	B	11.0	B	11.5	B	11.5	B
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0.0	
	NB	12.1	B	12.3	B	12.9	B	12.9	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.6	B	10.7	B	11.3	B	11.3	B
Terry Road & Sterling Place	EB	8.6	A	8.7	A	9.1	A	9.1	A
	WB	8.3	A	8.3	A	8.7	A	8.7	A
	SB	7.3	A	7.3	A	7.5	A	7.5	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.2	B	10.6	B	10.6	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.7	A	9.9	A	11.0	B	11.0	B
	WB	10.3	B	10.6	B	11.6	B	11.6	B
	NB	11.0	B	11.4	B	12.7	B	12.7	B
Tariff Street/Terry Road & Chester Road	EB	1.8	A	1.8	A	1.7	A	1.7	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.3	B	10.3	B	10.7	B	10.7	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	10.2	B	10.2	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.7	A	0.7	A	2.9	A	2.9	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.9	A	0.9	A	0.9	A	0.9	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	5.0	A	5.1	A	5.0	A	5.0	A
Lincoln Avenue & Hiddink Street	EB	9.9	A	10.1	B	10.4	B	10.4	B
	WB	9.4	A	9.6	A	9.9	A	9.9	A
	NB	10.6	B	10.9	B	11.2	B	11.2	B
	SB	10.4	B	10.6	B	10.9	B	10.9	B
Site Access & 11th Street	EB	7.0	A	7.0	A	6.9	A	6.9	A
	WB	7.1	A	7.1	A	7.8	A	7.8	A
	NB	7.0	A	7.0	A	7.7	A	7.7	A
Terry Road & Site Access	EB	0.0		0.0		0.8	A	0.8	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	12.2	B	12.2	B

Level of Service Table: Phase 5 Summer

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.1	B	17.1	B	17.1	B	17.1	B
	WBT	18.6	B	18.6	B	18.6	B	18.6	B
	WBR	0.2	A	0.2	A	0.2	A	0.2	A
	NBL	17.5	B	18	B	20.4	C	20.4	C
	NBT	6.9	A	7.2	A	8.4	A	8.4	A
	NBR								
	SBL								
	SBT	18.8	B	19	B	19	B	19	B
	SBR	0.2	A	0.2	A	0.2	A	0.2	A
Intersection		14.4	B	14.5	B	15.3	B	15.3	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.4	C	20.5	C	20.5	C	20.5	C
	EBT	21.2	C	21.2	C	21.3	C	21.3	C
	EBR	0.4	A	0.5	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14.8	B	14.9	B	15.8	B	15.8	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	8	A	8.1	A	8.2	A	8.2	A
	SBT	7.7	A	7.8	A	7.8	A	7.8	A
Intersection		13.5	B	13.6	B	13.8	B	13.8	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.8	C	23.9	C	24.6	C	23.8	C
	WBT	25.3	C	25.3	C	25.4	C	24.6	C
	WBR	28.6	C	30.3	C	30.6	C	29.1	C
	NBL	53.5	D	54.3	D	61.7	E	57.7	E
	NBT	13.8	B	14.7	B	17.9	B	18.9	B
	NBR								
	SBL								
	SBT	30.5	C	31.5	C	33.6	C	29.8	C
	SBR	34.5	C	36.6	D	40	D	33.6	C
Intersection		26	C	26.9	C	29.5	C	28.2	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	34	C	35.8	D	46.8	D	30.6	C
	EBT	28.1	C	29.3	C	36.7	D	25.5	C
	EBR	6.1	A	6.6	A	8	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.4	C	34	C	36.4	D	36.1	D
	NBR	15.6	B	16.1	B	16.2	B	16.4	B
	SBL	42.9	D	43.5	D	43.6	D	40.7	D
	SBT	13.5	B	13.3	B	13.2	B	14.3	B
Intersection		26.2	C	27	C	31.2	C	25.9	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.3	C	23.3	C	23.3	C
	WBT	25	C	25.1	C	25.1	C	25.1	C
	WBR	37.1	D	38.4	D	38.5	D	38.5	D
	NBL	35.9	D	35.3	D	35.2	D	35.2	D
	NBT	19.8	B	19.7	B	19.6	B	19.6	B
	NBR								
	SBL								
	SBT	17.1	B	18.1	B	18.1	B	18.1	B
	SBR	19.4	B	20.9	C	20.9	C	20.9	C
Intersection		25.3	C	25.7	C	25.8	C	25.8	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	31.9	C	32.5	C	32.6	C	32.6	C
	EBT	19.7	B	19.7	B	19.8	B	19.8	B
	EBR	19.9	B	19.8	B	19.9	B	19.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	20.5	C	20.7	C	20.7	C	20.7	C
	NBR	23.3	C	23.7	C	23.7	C	23.7	C
	SBL	42.5	D	42.5	D	42.8	D	42.8	D
	SBT	12.6	B	12.9	B	12.8	B	12.8	B
Intersection		25	C	25.2	C	25.3	C	25.3	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					35.8	D	38.3	D
	EBT					0.3	A	0.3	A
	EBR	30.7	C	30.7	C				
	WBL					22.4	C	23	C
	WBT	13.9	B	13.9	B	4.6	A	3.4	A
	WBR					5.5	A	5.2	A
	NBL	8.8	A	10.2	B	24	C	19.4	B
	NBT								
	NBR	2.3	A	2.5	A	6.2	A	6	A
	SBL	4.4	A	5.4	A	17.5	B	16.4	B
	SBT					1.4	A	0.9	A
Intersection		7.1	A	8.2	A	20.6	C	18.5	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.6	D	47	D	47.4	D	47.4	D
	EBT	38.9	D	38.9	D	41.3	D	41.3	D
	EBR								
	WBL								
	WBT	59.7	E	63	E	63.9	E	63.9	E
	WBR								
	NBL							17	B
	NBT	20.2	C	20.9	C	21.5	C	20.2	C
	NBR	3.5	A	3.5	A	3.5	A	3.5	A
	SBL								
	SBT	22.3	C	23.4	C	24.3	C	24.3	C
Intersection		31.8	C	33	C	33.7	C	33.3	C
Lakeland Avenue & Manton Street	EBL								
	EBT	21.7	C	21.8	C	21.8	C	21.8	C
	EBR								
	WBL								
	WBT	14.5	B	14.5	B	14.7	B	14.7	B
	WBR								
	NBL								
	NBT	5.9	A	6	A	6.1	A	6.1	A
	NBR								
	SBL								
	SBT	6.8	A	7.1	A	7.5	A	7.5	A
Intersection		8.1	A	8.2	A	8.4	A	8.4	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.3	A	1.4	A	1.4	A	1.4	A
	EBT	1.2	A	1.3	A	1.3	A	1.3	A
	EBR								
	WBL								
	WBT	5.5	A	5.7	A	5.8	A	5.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	33.1	C	33.2	C	33.1	C	33.1	C
	SBT								
	SBR	12.9	B	12.8	B	12.9	B	12.9	B
Intersection		4.8	A	4.9	A	5	A	5	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	4	A	4.2	A	4.2	A	4.2	A
	EBR								
	WBL								
	WBT	4.5	A	4.6	A	4.7	A	4.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23	C	23	C	22.5	C	22.5	C
Intersection		6	A	6.1	A	6.1	A	6.1	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.8	A	5.9	A	5.9	A
	EBR								
	WBL								
	WBT	6.7	A	6.8	A	6.8	A	6.8	A
	WBR	5.2	A	5	A	4.9	A	4.9	A
	NBL	36	D	36.5	D	36.5	D	36.5	D
	NBT	28.9	C	28.9	C	28.8	C	28.8	C
	NBR								
	SBL								
	SBT	38.8	D	39.2	D	39.1	D	39.1	D
Intersection		12.1	B	12.3	B	12.2	B	12.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	10.2	B	10.7	B	11	B	11	B
	EBT	10.3	B	10.9	B	11.2	B	11.2	B
	EBR								
	WBL	11.1	B	11	B	11	B	11.2	B
	WBT	12.6	B	13.1	B	13.2	B	13.3	B
	WBR	2.9	A	3.2	A	3.3	A	3.3	A
	NBL								
	NBT	41.9	D	42	D	42.1	D	42.1	D
	NBR								
	SBL	32.2	C	33.4	C	34	C	34	C
	SBT	26.9	C	27.2	C	27.8	C	27.8	C
Intersection		17.5	B	18	B	18.3	B	18.4	B
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	21.5	C	21.2	C	21.1	C	21.1	C
	EBT	25.4	C	25	C	25.2	C	25.2	C
	EBR								
	WBL	0.9	A	1.3	A	1.4	A	1.3	A
	WBT	2.2	A	2.6	A	2.6	A	2.5	A
	WBR								
	NBL								
	NBT	19.3	B	18.6	B	19.3	B	19.3	B
	NBR								
	SBL								
	SBT	28.9	C	28.9	C	28.9	C	28.9	C
	SBR	0.5	A	0.5	A	0.5	A	0.5	A
Intersection		10.9	B	11	B	11.1	B	11.1	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.3	A	0.3	A	0.3	A	0.3	A
	EBT	1.6	A	1.6	A	1.6	A	1.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	12.9	B	11.7	B	11.4	B	14.7	B
	WBT	22.6	C	21.6	C	21.2	C	25.6	C
	WBR								
	NBL								
	NBT	47.3	D	49.6	D	50.3	D	50.3	D
	NBR	2.7	A	3.1	A	3.1	A	3.1	A
	SBL								
	SBT	19.5	B	19.8	B	19.7	B	19.7	B
Intersection		17.4	B	17.3	B	17.2	B	19.1	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	44.2	D	44.2	D	44.2	D	42.8	D
	EBR								
	WBL								
	WBT	16.6	B	16.8	B	16	B	16.7	B
	WBR								
	NBL	5.1	A	5.5	A	5.8	A	4.5	A
	NBT	6	A	6.6	A	7	A	4.9	A
	NBR								
	SBL	6	A	6	A	6.5	A	6	A
	SBT	11.9	B	12.9	B	13.3	B	10.6	B
Intersection		14	B	14.6	B	15.1	B	12.8	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16	B	15.9	B	15.9	B	15.9	B
	EBR								
	WBL								
	WBT	16.2	B	16.1	B	16.1	B	16.1	B
	WBR								
	NBL								
	NBT	20.1	C	19.9	B	20	B	20	B
	NBR								
	SBL	7.6	A	7.7	A	7.6	A	7.6	A
	SBT	7.9	A	7.9	A	7.9	A	7.9	A
	SBR								
	NWL	7.6	A	7.6	A	7.7	A	7.7	A
Intersection		10.6	B	10.6	B	10.2	B	10.2	B
Cherry Avenue & Brook Street	EBL								
	EBT	9.6	A	9.6	A	10.9	B	10.9	B
	EBR								
	WBL								
	WBT	9.1	A	9.1	A	10	A	10	A
	WBR								
	NBL								
	NBT	8.5	A	8.5	A	9.2	A	9.2	A
	NBR								
	SBL								
	SBT	9.2	A	9.3	A	10.5	B	10.5	B
Intersection		9.2	A	9.3	A	10.3	B	10.3	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.6	B	17.6	B	17.6	B
	WBT	39.8	D	46.5	D	47.2	D	47.2	D
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	16.1	B	16.2	B	17.3	B	17.3	B
	NBT	3.2	A	3.3	A	3.1	A	3.1	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.6	A	0.7	A	0.7	A	0.7	A
Intersection		28.8	C	33.1	C	33.3	C	33.3	C
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.4	B	19.5	B	19.4	B	19.4	B
	EBT	21.9	C	22.1	C	22.1	C	22.1	C
	EBR	0.6	A	0.7	A	1.7	A	1.7	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	16.3	B	16.3	B	16.6	B	16.6	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.4	A	3.4	A	3.4	A
	SBT	2.3	A	2.6	A	2.6	A	2.6	A
Intersection		13.6	B	13.8	B	13.6	B	13.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.6	C	31.3	C	31.3	C
	WBT	47.1	D	54.7	D	44.8	D	44.8	D
	WBR	5.2	A	6.7	A	9.7	A	9.7	A
	NBL	49.6	D	49.5	D	53.7	D	51.2	D
	NBT	15	B	14.9	B	15.1	B	17.2	B
	NBR								
	SBL								
	SBT	67.8	E	81.8	F	120.5	F	43.9	D
	SBR	90.3	F	104.4	F	142.1	F	48.8	D
Intersection		48.7	D	56.2	E	68.9	E	38.1	D

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.9	C	26.1	C	29	C	23.6	C
	EBT	23.4	C	23.3	C	25.3	C	24.3	C
	EBR	7.3	A	8.5	A	15.4	B	16.3	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	34.5	C	35.8	D	35.3	D	33.6	C
	NBR	17.6	B	18.7	B	17.5	B	17.1	B
	SBL	44.5	D	45.7	D	46.7	D	50.2	D
	SBT	31.8	C	32.1	C	29.6	C	28.6	C
Intersection		28.4	C	29	C	29.5	C	28.8	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	19.1	B	19.2	B	19.2	B	19.2	B
	WBT	21.9	C	22.2	C	22.2	C	22.2	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	25.9	C	25.9	C	25.8	C	25.8	C
	NBT	13.8	B	13.8	B	13.7	B	13.7	B
	NBR								
	SBL								
	SBT	18.3	B	18.5	B	18.6	B	18.6	B
	SBR	68.8	E	81.7	F	82.8	F	82.8	F
Intersection		33.4	C	37.2	D	37.5	D	37.5	D
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.2	C	23.4	C	23.4	C	23.4	C
	EBT	20.5	C	20.6	C	20.6	C	20.6	C
	EBR	18.2	B	18.2	B	18.2	B	18.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	23.1	C	23.4	C	23.4	C	23.4	C
	NBR	28.2	C	29.3	C	29.3	C	29.3	C
	SBL	47.4	D	47.7	D	47.6	D	47.6	D
	SBT	6.2	A	6.2	A	6.2	A	6.2	A
Intersection		25.3	C	25.5	C	25.5	C	25.5	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.2	C	38.5	D
	EBT					0.3	A	0.3	A
	EBR	33.4	C	33.4	C				
	WBL					25.6	C	28.5	C
	WBT	14	B	14	B	5.7	A	5	A
	WBR					4.7	A	4.7	A
	NBL	9.8	A	10.2	B	15.4	B	12.6	B
	NBT								
	NBR	2.7	A	2.8	A	5.1	A	5	A
	SBL	6.4	A	6.8	A	19.5	B	15.5	B
	SBT					4.9	A	3.5	A
Intersection		8.4	A	8.8	A	16.8	B	14.3	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.2	D	43.5	D	43.8	D	43.8	D
	EBT	41.8	D	42	D	43	D	43	D
	EBR								
	WBL								
	WBT	47.1	D	47.8	D	48	D	48	D
	WBR								
	NBL							17	B
	NBT	18.4	B	19.3	B	21.5	C	18.4	B
	NBR	4.3	A	4.6	A	5.3	A	4.6	A
	SBL								
	SBT	21.7	C	23.1	C	24.1	C	24.1	C
Intersection		26	C	26.9	C	27.9	C	27	C
Lakeland Avenue & Manton Street	EBL	20.9	C	20.9	C	20.9	C	20.9	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.9	B	13.9	B
	WBR								
	NBL								
	NBT	8.4	A	8.7	A	9.2	A	9.2	A
	NBR								
	SBL								
	SBT	9.2	A	9.6	A	10.2	B	10.2	B
Intersection		10.2	B	10.6	B	11	B	11	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	2.9	A	3.1	A	3.1	A
	EBT	3.5	A	3.7	A	3.8	A	3.8	A
	EBR								
	WBL								
	WBT	7.5	A	7.9	A	8.1	A	8.1	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52	D	52	D	52	D
	SBT								
	SBR	12.6	B	12.4	B	12.4	B	12.4	B
Intersection		6.3	A	6.6	A	6.7	A	6.7	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.3	B	11.3	B	12	B	12	B
	EBR								
	WBL								
	WBT	5.1	A	5.5	A	5.6	A	5.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	38.7	D	39.3	D	39.2	D	39.2	D
Intersection		10.6	B	11.3	B	11.7	B	11.7	B
Greene Avenue & Montauk Highway	EBL								
	EBT	8.4	A	9.1	A	9.2	A	9.2	A
	EBR								
	WBL								
	WBT	5.9	A	6.1	A	6	A	6	A
	WBR	2.4	A	2.1	A	1.9	A	1.9	A
	NBL	51.9	D	53.9	D	53.5	D	53.5	D
	NBT	36.2	D	36.1	D	36.2	D	36.2	D
	NBR								
	SBL								
	SBT	50.2	D	50.7	D	50.5	D	50.5	D
Intersection		13.8	B	14.3	B	14.2	B	14.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	11.3	B	11.2	B	11.4	B	11.4	B
	EBT	16.7	B	17.1	B	17	B	17	B
	EBR								
	WBL	12.4	B	13	B	13.5	B	13.5	B
	WBT	16.9	B	17.6	B	18.3	B	18.3	B
	WBR	4.8	A	5	A	5.2	A	5.2	A
	NBL								
	NBT	50.5	D	51	D	51	D	51	D
	NBR								
	SBL	63.2	E	81.7	F	85.4	F	85.4	F
	SBT	31.7	C	32.9	C	33.6	C	33.6	C
Intersection		25.8	C	28.7	C	29.4	C	29.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	26.5	C	26.7	C	26.7	C
	EBT	53.6	D	60.9	E	61.6	E	61.6	E
	EBR								
	WBL	1.8	A	1.8	A	1.8	A	1.8	A
	WBT	2.5	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	25.1	C	25.2	C	24.9	C	24.9	C
	NBR								
	SBL								
	SBT	42.1	D	42.3	D	42.4	D	42.4	D
	SBR	3.1	A	3.5	A	3.4	A	3.4	A
Intersection		25.6	C	28.4	C	28.7	C	28.7	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.6	A	0.6	A	0.6	A	0.6	A
	EBT	3.2	A	3.4	A	3.4	A	3.4	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	22.8	C	28.4	C	29	C	29	C
	WBT	20.3	C	22.1	C	22.5	C	22.5	C
	WBR								
	NBL								
	NBT	54	D	58.6	E	59.2	E	59.2	E
	NBR	6.7	A	6.7	A	6.7	A	6.7	A
	SBL								
	SBT	26.6	C	27.1	C	27.4	C	27.4	C
Intersection		17.7	B	19.2	B	19.4	B	19.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	52.6	D	52.6	D	52.6	D
	EBR								
	WBL								
	WBT	2.8	A	3	A	2.7	A	2.7	A
	WBR								
	NBL	11.3	B	12.1	B	12.4	B	12.4	B
	NBT	17.1	B	18.2	B	18.5	B	18.5	B
	NBR								
	SBL	6.7	A	7	A	7.1	A	7.1	A
	SBT	11.2	B	12.1	B	12.4	B	12.4	B
Intersection		18.4	B	19.2	B	19.5	B	19.5	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.5	B	16.5	B	16.4	B	16.4	B
	EBR								
	WBL								
	WBT	16.9	B	16.8	B	16.8	B	16.8	B
	WBR								
	NBL								
	NBT	16.9	B	16.9	B	16.9	B	16.9	B
	NBR								
	SBL	4.2	A	4.2	A	4.2	A	4.2	A
	SBT	4.2	A	4.2	A	4.2	A	4.2	A
	SBR								
	NWL	4.2	A	4.2	A	4.3	A	4.3	A
Intersection		6.1	A	6	A	5.8	A	5.8	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	11.7	B	11.9	B	11.9	B
	EBR								
	WBL								
	WBT	10.1	B	10.6	B	10.7	B	10.7	B
	WBR								
	NBL								
	NBT	9.1	A	9.3	A	9.4	A	9.4	A
	NBR								
	SBL								
	SBT	11.1	B	12.2	B	12.4	B	12.4	B
Intersection		10.5	B	11.3	B	11.5	B	11.5	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.4	B	18.5	B	18.5	B	18.5	B
	WBT	51.8	D	62.4	E	63.3	E	63.3	E
	WBR	0.4	A	0.4	A	0.4	A	0.4	A
	NBL	17.8	B	18	B	18.9	B	18.9	B
	NBT	5	A	5.1	A	4.7	A	4.7	A
	NBR								
	SBL								
	SBT	20.2	C	20.2	C	20.2	C	20.2	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		35.7	D	42.2	D	42.4	D	42.4	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.2	C	20.3	C	20.1	C	20.1	C
	EBT	21.5	C	21.7	C	21.7	C	21.7	C
	EBR	0.6	A	0.6	A	1.5	A	1.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.4	B	17.6	B	17.9	B	17.9	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.1	A	3.2	A	3.3	A	3.3	A
	SBT	3	A	3	A	3	A	3	A
Intersection		12.9	B	13	B	12.9	B	12.9	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	30.6	C	31.4	C	35.9	D	35.9	D
	WBT	134	F	154.4	F	155.8	F	155.8	F
	WBR	14.3	B	16.3	B	19.8	B	19.8	B
	NBL	46.9	D	46.6	D	49.2	D	48.1	D
	NBT	15.4	B	15.4	B	15.4	B	17.6	B
	NBR								
	SBL								
	SBT	65.8	E	80	E	128.5	F	55.3	E
	SBR	84.7	F	99	F	141.8	F	40.7	D
Intersection		74.1	E	85.4	F	100.3	F	72.2	E

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25	C	25.1	C	28.2	C	23	C
	EBT	23.2	C	23.2	C	25.4	C	24.6	C
	EBR	6	A	7.3	A	16.1	B	17.1	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	32.3	C	33.3	C	32.9	C	31.9	C
	NBR	18	B	19	B	18.1	B	17.8	B
	SBL	44.5	D	44.6	D	41.9	D	45.6	D
	SBT	31.3	C	31.6	C	28.7	C	27.7	C
Intersection		27	C	27.5	C	28	C	27.3	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.5	C	20.6	C	19.2	B	19.2	B
	WBT	23.6	C	24.1	C	24.2	C	24.2	C
	WBR	19.9	B	20.1	C	22.1	C	22.1	C
	NBL	27.9	C	27.7	C	27.7	C	27.7	C
	NBT	13.6	B	13.6	B	13.6	B	13.6	B
	NBR								
	SBL								
	SBT	18.7	B	19	B	19	B	19	B
	SBR	38.3	D	41.9	D	42.1	D	42.1	D
Intersection		24.2	C	25.2	C	25.3	C	25.3	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.1	C	23.3	C	23.3	C	23.3	C
	EBT	21	C	21	C	21	C	21	C
	EBR	18	B	17.9	B	17.9	B	17.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.5	C	22.8	C	22.8	C	22.8	C
	NBR	26.6	C	27.7	C	27.8	C	27.8	C
	SBL	44.1	D	44.3	D	46.3	D	46.3	D
	SBT	6.7	A	6.7	A	6.1	A	6.1	A
Intersection		24.6	C	24.8	C	25.2	C	25.2	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.3	C	37.6	D
	EBT					0.3	A	0.3	A
	EBR	31.6	C	31.7	C				
	WBL					24.4	C	26.9	C
	WBT	13.8	B	13.7	B	4	A	3.7	A
	WBR					4.8	A	4.8	A
	NBL	7.8	A	8	A	14.7	B	11.6	B
	NBT								
	NBR	2.3	A	2.3	A	4.9	A	4.8	A
	SBL	5.7	A	6.1	A	21.7	C	17.4	B
	SBT					4.8	A	3.7	A
Intersection		7	A	7.3	A	17.5	B	14.8	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.1	D	46.1	D	46.2	D	46.2	D
	EBT	40	D	40.6	D	41.4	D	41.4	D
	EBR								
	WBL								
	WBT	51.6	D	53.8	D	53.9	D	53.9	D
	WBR								
	NBL							20	B
	NBT	18.9	B	19.8	B	22.6	C	18	B
	NBR	3.4	A	3.5	A	4.4	A	3.4	A
	SBL								
	SBT	28.1	C	30.5	C	32.4	C	32.4	C
Intersection		30.2	C	31.9	C	33.3	C	32.3	C
Lakeland Avenue & Manton Street	EBL								
	EBT	21.7	C	21.8	C	21.8	C	21.8	C
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.8	B	13.8	B
	WBR								
	NBL								
	NBT	7.7	A	8	A	8.4	A	8.4	A
	NBR								
	SBL								
	SBT	11.2	B	12.2	B	12.9	B	12.9	B
Intersection		11.2	B	11.8	B	12.2	B	12.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.5	A	2.6	A	2.8	A	2.8	A
	EBT	3.7	A	3.9	A	4	A	4	A
	EBR								
	WBL								
	WBT	7.2	A	7.5	A	7.7	A	7.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	53.4	D	53.7	D	53.7	D	53.7	D
	SBT								
	SBR	12.2	B	12	B	12	B	12	B
Intersection		6.8	A	7	A	7.1	A	7.1	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	9	A	9.6	A	10.1	B	10.1	B
	EBR								
	WBL								
	WBT	5.3	A	5.2	A	5.4	A	5.4	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	31	C	31.6	C	31.4	C	31.4	C
Intersection		8.9	A	9.1	A	9.5	A	9.5	A
Greene Avenue & Montauk Highway	EBL								
	EBT	9	A	8.9	A	9.3	A	9.3	A
	EBR								
	WBL								
	WBT	5.3	A	6.5	A	6.5	A	6.5	A
	WBR	2.2	A	2.5	A	2.4	A	2.4	A
	NBL	63.4	E	65.4	E	65.4	E	65.4	E
	NBT	34.5	C	34.2	C	34.2	C	34.2	C
	NBR								
	SBL								
	SBT	52.4	D	53	D	53	D	53	D
Intersection		16.4	B	16.9	B	17	B	17	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.9	B	13.7	B	13.6	B	13.6	B
	EBT	20.4	C	20.6	C	20.3	C	20.3	C
	EBR								
	WBL	15.6	B	15.8	B	16	B	16	B
	WBT	20	C	21.2	C	21.6	C	21.6	C
	WBR	5.3	A	5.7	A	5.8	A	5.8	A
	NBL								
	NBT	52.9	D	52.9	D	52.9	D	52.9	D
	NBR								
	SBL	73	E	93.8	F	96.5	F	96.5	F
	SBT	31.2	C	32.1	C	32.7	C	32.7	C
Intersection		30.3	C	33.7	C	34.1	C	34.1	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	28	C	28.3	C	28.3	C
	EBT	56.8	E	70.9	E	72.3	E	72.3	E
	EBR								
	WBL	2	A	2.4	A	2.4	A	2.4	A
	WBT	2.8	A	3.2	A	3.2	A	3.2	A
	WBR								
	NBL								
	NBT	20.5	C	20.2	C	20.1	C	20.1	C
	NBR								
	SBL								
	SBT	42.2	D	42.4	D	42.4	D	42.4	D
	SBR	4.8	A	5.4	A	5.5	A	5.5	A
Intersection		27.1	C	32.7	C	33.2	C	33.2	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.7	A	0.7	A	0.8	A	0.8	A
	EBT	3.9	A	4.5	A	4.6	A	4.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	38.2	D	58.5	E	60.4	E	60.4	E
	WBT	24.7	C	27.3	C	27.3	C	27.3	C
	WBR								
	NBL								
	NBT	58	E	58.8	E	59.2	E	59.2	E
	NBR	7.4	A	7.3	A	7.3	A	7.3	A
	SBL								
	SBT	24.6	C	25.2	C	25.4	C	25.4	C
Intersection		19.9	B	22.3	C	22.5	C	22.5	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	41	D	42.2	D	42.6	D	42.6	D
	EBR								
	WBL								
	WBT	26	C	26.4	C	25.8	C	25.8	C
	WBR								
	NBL	9.6	A	10.3	B	10.7	B	10.7	B
	NBT	15.6	B	17.1	B	17.6	B	17.6	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	9.6	A	10.2	B	10.4	B	10.4	B
Intersection		15.8	B	16.8	B	17.2	B	17.2	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.6	B	15.4	B	17.5	B	17.5	B
	EBR								
	WBL								
	WBT	16.1	B	15.9	B	17.9	B	17.9	B
	WBR								
	NBL								
	NBT	16.2	B	15.9	B	18	B	18	B
	NBR								
	SBL	4.3	A	4.3	A	5.7	A	5.7	A
	SBT	4.3	A	4.3	A	5.7	A	5.7	A
	SBR								
	NWL	4.4	A	4.5	A	5.8	A	5.8	A
Intersection		6.6	A	6.6	A	7.8	A	7.8	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.7	B	10.8	B	10.8	B
	EBR								
	WBL								
	WBT	10.3	B	10.3	B	10.3	B	10.3	B
	WBR								
	NBL								
	NBT	9.5	A	9.6	A	9.7	A	9.7	A
	NBR								
	SBL								
	SBT	10.4	B	10.5	B	10.6	B	10.6	B
Intersection		10.3	B	10.4	B	10.4	B	10.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.5	B	17.5	B	17.5	B
	WBT	18.9	B	18.9	B	18.9	B	18.9	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	15.9	B	16	B	17.5	B	17.5	B
	NBT	2.8	A	2.9	A	2.6	A	2.6	A
	NBR								
	SBL								
	SBT	18.8	B	19	B	19	B	19	B
	SBR	0.4	A	0.4	A	0.4	A	0.4	A
Intersection		13.3	B	13.2	B	13.5	B	13.5	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.3	C	20.3	C	20.2	C	20.2	C
	EBT	20.9	C	21	C	20.9	C	20.9	C
	EBR	0.6	A	0.6	A	0.8	A	0.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.8	B	15.9	B	16.1	B	16.1	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.3	A	3.4	A	3.4	A
	SBT	2.7	A	2.8	A	2.8	A	2.8	A
Intersection		12.7	B	12.7	B	12.6	B	12.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.2	C	31.6	C	30.3	C
	WBT	27.8	C	27.9	C	28.5	C	27.5	C
	WBR	8	A	9.6	A	12.6	B	12.2	B
	NBL	52.8	D	54.1	D	63.2	E	54.3	D
	NBT	15.2	B	16.5	B	16.8	B	19.5	B
	NBR								
	SBL								
	SBT	30.4	C	31.9	C	33	C	29.9	C
	SBR	35.7	D	38	D	41.8	D	32.3	C
Intersection		27.1	C	28.1	C	30.6	C	28.5	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	27.6	C	28.1	C	30	C	26.2	C
	EBT	25.2	C	25.4	C	26.8	C	24	C
	EBR	4.7	A	5.9	A	13.5	B	14	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	28.8	C	29.3	C	30.3	C	29.7	C
	NBR	7.9	A	9.5	A	12.5	B	12.2	B
	SBL	42	D	42.3	D	42.2	D	42.9	D
	SBT	21.6	C	22.3	C	20.5	C	16.8	B
Intersection		23.2	C	23.8	C	25	C	23.4	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.6	B	18.6	B	18.6	B	18.6	B
	WBT	21.7	C	21.9	C	21.9	C	21.9	C
	WBR	20.7	C	20.9	C	20.8	C	20.8	C
	NBL	29.8	C	29.9	C	29.8	C	29.8	C
	NBT	13.2	B	13.3	B	13.3	B	13.3	B
	NBR								
	SBL								
	SBT	18.5	B	18.7	B	18.7	B	18.7	B
	SBR	23.2	C	23.7	C	23.8	C	23.8	C
Intersection		20.4	C	20.6	C	20.6	C	20.6	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	24.2	C	24.3	C	24.3	C	24.3	C
	EBT	20.4	C	20.3	C	20.3	C	20.3	C
	EBR	17.7	B	17.6	B	17.6	B	17.6	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.5	B	19.5	B	19.5	B
	NBR	22.2	C	22.7	C	22.7	C	22.7	C
	SBL	41.2	D	41.4	D	41.4	D	41.4	D
	SBT	6.8	A	6.9	A	6.9	A	6.9	A
Intersection		22.9	C	23.1	C	23.1	C	23.1	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.6	C	33.2	C
	EBT					1	A	0.6	A
	EBR	32.3	C	32.4	C				
	WBL					24.7	C	23.9	C
	WBT	13.4	B	13.3	B	8.3	A	6.6	A
	WBR					4.8	A	5	A
	NBL	9	A	9.4	A	15.9	B	14	B
	NBT								
	NBR	2.5	A	2.5	A	5	A	5.1	A
	SBL	5.1	A	5.3	A	15.6	B	13.5	B
	SBT					4.1	A	2.9	A
Intersection		7.7	A	8	A	15.4	B	13.7	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.1	D	43.5	D	44.2	D	44	D
	EBT	38.8	D	38.9	D	41.4	D	41.2	D
	EBR								
	WBL								
	WBT	46.5	D	47.3	D	48.2	D	48	D
	WBR								
	NBL							17.4	B
	NBT	20.1	C	21.3	C	25.4	C	20.2	C
	NBR	5.3	A	5.8	A	6.6	A	5.8	A
	SBL								
	SBT	21.3	C	22.7	C	24.5	C	24.5	C
Intersection		25.3	C	26.3	C	28.6	C	26.9	C
Lakeland Avenue & Manton Street	EBL	18.9	B	18.9	B	18.9	B	18.9	B
	EBT								
	EBR								
	WBL								
	WBT	15.4	B	15.4	B	15.4	B	15.4	B
	WBR								
	NBL								
	NBT	8.5	A	9	A	10.3	B	10.3	B
	NBR								
	SBL								
	SBT	9.9	A	10.7	B	12	B	12	B
Intersection		10.1	B	10.6	B	11.8	B	11.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.8	A	1.8	A	1.9	A	1.9	A
	EBT	2.6	A	2.7	A	2.8	A	2.8	A
	EBR								
	WBL								
	WBT	5.8	A	6.4	A	6.7	A	6.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52.1	D	52.1	D	52.1	D
	SBT								
	SBR	11.4	B	11.4	B	11	B	11	B
Intersection		5.6	A	5.9	A	6	A	6	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.3	A	6.6	A	7	A	7	A
	EBR								
	WBL								
	WBT	4.9	A	5.2	A	5.4	A	5.4	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23.4	C	23.7	C	24	C	24	C
Intersection		6.9	A	7.2	A	7.6	A	7.5	A
Greene Avenue & Montauk Highway	EBL								
	EBT	6.7	A	7	A	7.5	A	7.5	A
	EBR								
	WBL								
	WBT	5.4	A	5.3	A	5.9	A	5.9	A
	WBR	3.9	A	3.6	A	3.7	A	3.7	A
	NBL	63	E	65.2	E	65.7	E	65.7	E
	NBT	36.9	D	36.6	D	36.4	D	36.4	D
	NBR								
	SBL								
	SBT	52.1	D	52.1	D	52.4	D	52.4	D
Intersection		15.7	B	15.9	B	16	B	16	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	16.5	B	16.7	B	17.2	B	17.8	B
	EBT	20	B	20.1	C	19.5	B	20.1	C
	EBR								
	WBL	15.7	B	16.7	B	17.1	B	18	B
	WBT	19.6	B	21.5	C	22.7	C	24.1	C
	WBR	5.4	A	5.7	A	6.3	A	6.5	A
	NBL								
	NBT	53.8	D	53.5	D	53.8	D	53.6	D
	NBR								
	SBL	67.7	E	78.7	E	85.3	F	75.7	E
	SBT	30.3	C	30.6	C	32.5	C	31.5	C
Intersection		29.8	C	32.1	C	33.4	C	32.3	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	28.3	C	30.5	C	31	C	31.1	C
	EBT	30.4	C	31.7	C	32.4	C	32.4	C
	EBR								
	WBL	1.9	A	2.1	A	2.4	A	2.1	A
	WBT	3.3	A	3.5	A	3.8	A	3.6	A
	WBR								
	NBL								
	NBT	21	C	21.1	C	21.1	C	21.1	C
	NBR								
	SBL								
	SBT	40.9	D	41.4	D	41.3	D	41.3	D
	SBR	1.2	A	1.3	A	1.3	A	1.3	A
Intersection		15.2	B	15.9	B	16.3	B	16.2	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.3	A	1.5	A	1.5	A	1.5	A
	EBT	3	A	3.2	A	3.2	A	3.2	A
	EBR	0.2	A	0.2	A	0.2	A	0.2	A
	WBL	22	C	24.6	C	25.3	C	26.5	C
	WBT	21.8	C	22.7	C	22.9	C	23.9	C
	WBR								
	NBL								
	NBT	49.3	D	50.7	D	49.6	D	49.6	D
	NBR	7.4	A	7.3	A	7.2	A	7.2	A
	SBL								
	SBT	25	C	25.2	C	25	C	25	C
Intersection		17.5	B	18.2	B	18.2	B	18.6	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	50.5	D	51.1	D	52	D	48.9	D
	EBT								
	EBR								
	WBL	31	C	31	C	30	C	31	C
	WBT								
	WBR								
	NBL	11.6	B	11.8	B	12.3	B	11	B
	NBT	16.2	B	16.3	B	16.7	B	14.7	B
	NBR	6	A	6	A	6	A	6	A
	SBL								
	SBT								
Intersection		17.6	B	18.3	B	19.2	B	16.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	15.7	B	15.7	B	15.6	B	15.6	B
	EBT								
	EBR								
	WBL	16.2	B	16.1	B	16.2	B	16.2	B
	WBT								
	WBR								
	NBL	20.4	C	20.1	C	20.3	C	20.3	C
	NBT								
	NBR								
	SBL	7.4	A	7.5	A	7.4	A	7.4	A
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
	SBR	7.6	A	7.6	A	7.6	A	7.6	A
	NWL								
Intersection		9.8	A	9.9	A	9.5	A	9.5	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.5	B	10.7	B	10.7	B
	EBT								
	EBR								
	WBL	10.2	B	10.2	B	10.1	B	10.1	B
	WBT								
	WBR								
	NBL	9.4	A	9.4	A	9.5	A	9.5	A
	NBT								
	NBR								
	SBL	10.5	B	10.5	B	10.7	B	10.7	B
	SBT								
Intersection		10.2	B	10.3	B	10.4	B	10.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	24.2	C	26.5	D	44.2	E	43.1	E
Lakeland Avenue & Chester Road	EB	50.5	F	63.2	F	104.5	F	102.6	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	17.0	C	17.2	C	17.2	C
	WB	17.7	C	18.9	C	19.8	C	19.8	C
	NB	0.1	A	0.2	A	0.1	A	0.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	17.1	C	18.0	C	19.7	C	19.7	C
	NB	9.1	A	9.2	A	9.3	A	2.0	A
Railroad Avenue & Hiddink Street	WB	14.4	B	14.9	B	15.5	C	15.5	C
	NB	0.0		0.0		0.0		0.0	
	SB	2.2	A	2.3	A	2.4	A	2.4	A
Railroad Avenue & Center Street	EB	16.0	C	16.6	C	16.7	C	16.7	C
	NB	1.3	A	1.3	A	1.3	A	1.3	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.1	A	1.1	A	1.1	A	1.1	A
	WB	0.4	A	0.4	A	0.4	A	0.4	A
	NB	13.6	B	14.0	B	14.1	B	14.1	B
	SB	13.7	B	14.1	B	14.3	B	14.3	B
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.5	B	10.5	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.5	B	10.5	B	10.9	B	10.9	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.2	A	8.2	A
	WB	8.0	A	8.0	A	8.1	A	8.1	A
	SB	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.8	A	9.8	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.0	A	8.1	A	8.4	A	8.4	A
	WB	9.0	A	9.1	A	9.3	A	9.3	A
	NB	8.4	A	8.5	A	8.8	A	8.8	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.7	A	1.7	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.3	A	9.4	A	9.7	A	9.7	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	3.1	A	4.9	A	4.9	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	6.1	A	6.1	A	6.1	A	6.1	A
Lincoln Avenue & Hiddink Street	EB	8.7	A	8.8	A	8.9	A	8.9	A
	WB	8.6	A	8.7	A	8.8	A	8.8	A
	NB	9.0	A	9.1	A	9.1	A	9.1	A
	SB	9.1	A	9.3	A	9.3	A	9.3	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.4	A	4.4	A
	NB	0.0	A	0.0	A	9.4	A	9.4	A
Terry Road & Site Access	EB	0.0		0.0		0.7	A	0.7	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.1	B	10.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.0	C	20.0	C	24.6	C	26.0	D
	NB	10.1	B	10.4	B	11.5	B	11.5	B
Lakeland Avenue & Chester Road	EB	93.2	F	134.2	F	291.9	F	243.6	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	17.5	C	18.2	C	19.3	C	19.3	C
	WB	23.0	C	24.8	C	27.6	D	27.6	D
	NB	1.1	A	1.2	A	1.2	A	1.2	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	22.7	C	25.0	C	30.9	D	30.9	D
	NB	3.0	A	3.1	A	3.2	A	3.2	A
Railroad Avenue & Hiddink Street	WB	19.2	C	20.4	C	21.8	C	21.8	C
	NB	0.0		0.0		0.0		0.0	
	SB	3.6	A	3.7	A	3.9	A	3.9	A
Railroad Avenue & Center Street	EB	21.7	C	23.6	C	22.0	C	22.0	C
	NB	1.4	A	1.4	A	1.4	A	1.4	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.8	A	2.0	A	2.1	A	2.1	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	53.6	F	64.6	F	68.9	F	68.9	F
	SB	18.0	C	19.0	C	19.4	C	19.4	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.4	B	10.5	B	11.0	B	11.0	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.4	B	11.5	B	12.2	B	12.2	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.0	B	10.1	B	10.3	B	10.3	B
Terry Road & Sterling Place	EB	8.4	A	8.5	A	8.7	A	8.7	A
	WB	8.1	A	8.1	A	8.3	A	8.3	A
	SB	7.2	A	7.3	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.8	A	9.8	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.9	A	9.1	A	9.4	A	9.4	A
	WB	10.5	B	10.7	B	11.3	B	11.3	B
	NB	10.0	A	10.2	B	10.7	B	10.7	B
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.0	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	10.1	B	10.1	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.9	A	9.8	A	10.2	B	10.2	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.8	A	0.8	A	3.5	A	3.5	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	3.0	A	3.0	A	3.0	A	3.0	A
Lincoln Avenue & Hiddink Street	EB	10.3	B	10.6	B	10.7	B	10.7	B
	WB	9.0	A	9.1	A	9.2	A	9.2	A
	NB	10.0	A	10.2	B	10.4	B	10.4	B
	SB	10.5	B	10.7	B	10.9	B	10.9	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.4	A	5.4	A
	NB	0.0	A	0.0	A	10.7	B	10.7	B
Terry Road & Site Access	EB	0.0		0.0		1.2	A	1.2	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	25.8	D	27.8	D	34.3	D	37.3	E
	NB	10.6	B	10.9	B	12.2	B	12.2	B
Lakeland Avenue & Chester Road	EB	73.2	F	98.6	F	266.7	F	215.0	F
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	16.7	C	18.6	C	18.3	C	18.3	C
	WB	20.7	C	22.7	C	23.9	C	23.9	C
	NB	0.1	A	0.1	A	0.1	A	0.1	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	20.4	C	22.3	C	26.5	D	26.5	D
	NB	2.5	A	2.7	A	2.7	A	2.7	A
Railroad Avenue & Hiddink Street	WB	22.7	C	25.1	D	26.5	D	26.5	D
	NB	0.0		0.0		0.0		0.0	
	SB	3.5	A	3.6	A	3.8	A	3.8	A
Railroad Avenue & Center Street	EB	23.4	C	25.6	D	24.0	C	24.0	C
	NB	1.9	A	2.0	A	2.0	A	2.0	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.4	A	2.6	A	2.7	A	2.7	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	31.7	D	36.1	E	37.8	E	37.8	E
	SB	18.2	C	19.4	C	18.3	C	18.3	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.7	A	10.6	B	10.6	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	11.1	B	11.2	B	11.9	B	11.9	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.2	A	0.2	A	0.1	A	0.1	A
	NB	10.8	B	10.9	B	11.3	B	11.3	B
Terry Road & Sterling Place	EB	8.2	A	8.3	A	8.5	A	8.5	A
	WB	7.9	A	8.0	A	8.2	A	8.2	A
	SB	7.1	A	7.1	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.7	A	10.0	A	10.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.4	A	8.5	A	8.8	A	8.8	A
	WB	10.2	B	10.5	B	11.0	B	11.0	B
	NB	9.0	A	9.2	A	9.5	A	9.5	A
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.1	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.5	B	10.6	B	10.9	B	10.9	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.8	A	9.9	A	10.3	B	10.3	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.3	A	9.3	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.3	A	3.5	A	5.3	A	5.3	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	4.6	A	4.6	A	4.6	A	4.6	A
Lincoln Avenue & Hiddink Street	EB	10.2	B	10.4	B	10.6	B	10.6	B
	WB	9.2	A	9.4	A	9.5	A	9.5	A
	NB	10.5	B	10.9	B	11.0	B	11.0	B
	SB	10.8	B	11.1	B	11.2	B	11.2	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.1	A	5.1	A
	NB	0.0	A	0.0	A	10.9	B	10.9	B
Terry Road & Site Access	EB	0.0		0.0		1.3	A	1.3	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.1	B	10.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.2	C	20.0	C	25.2	D	25.3	D
	NB	9.4	A	9.5	A	10.1	B	10.1	B
Lakeland Avenue & Chester Road	EB	65.7	F	86.6	F	166.7	F	160.7	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	20.1	C	21.4	C	24.3	C	24.3	C
	WB	31.1	D	36.4	E	47.0	E	47.0	E
	NB	0.4	A	0.4	A	0.4	A	0.4	A
	SB	0.6	A	0.7	A	0.7	A	0.7	A
Railroad Avenue & Depot Street	EB	37.9	E	46.0	E	71.2	F	71.2	F
	NB	3.2	A	3.4	A	3.7	A	3.7	A
Railroad Avenue & Hiddink Street	WB	32.5	D	Err	F	51.0	F	51.0	F
	NB	0.0		0.0		0.0		0.0	
	SB	2.7	A	15.1	C	3.4	A	3.4	A
Railroad Avenue & Center Street	EB	25.9	D	28.4	D	30.9	D	30.9	D
	NB	1.9	A	2.0	A	1.9	A	1.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.2	A	1.3	A	1.3	A	1.3	A
	WB	0.5	A	0.6	A	0.6	A	0.6	A
	NB	42.9	E	54.8	F	59.2	F	59.2	F
	SB	17.8	C	18.8	C	19.5	C	19.5	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.3	B	10.3	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	11.3	B	11.3	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	9.9	A	10.0	B	10.4	B	10.4	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.2	A	8.2	A
	WB	7.8	A	7.8	A	8.1	A	8.1	A
	SB	7.1	A	7.1	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.4	B	10.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.3	A	8.8	A	8.8	A
	WB	9.0	A	9.1	A	9.7	A	9.7	A
	NB	8.6	A	8.7	A	9.2	A	9.2	A
Tariff Street/Terry Road & Chester Road	EB	1.3	A	1.3	A	1.2	A	1.2	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.8	A	9.8	A	10.1	B	10.1	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	10.2	B	10.2	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.1	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.9	A	2.0	A	3.4	A	3.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.2	A	1.2	A	1.2	A	1.2	A
Carrie Avenue & Sterling Place	EB	8.6	A	8.6	A	8.7	A	8.7	A
Lincoln Avenue & Hiddink Street	EB	10.1	B	10.3	B	10.7	B	10.7	B
	WB	9.7	A	9.9	A	10.2	B	10.2	B
	NB	10.4	B	10.6	B	11.0	B	11.0	B
	SB	11.2	B	11.5	B	11.9	B	11.9	B
Site Access & 11th Street	EB	0.0		7.0	A	0.0		0.0	
	WB	0.0		7.1	A	5.2	A	5.2	A
	NB	0.0	A	7.0	A	10.1	B	10.1	B
Terry Road & Site Access	EB	0.0		0.0		1.1	A	1.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.9	B	10.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.1	B	17.1	B	17.1	B	17.1	B
	WBT	18.6	B	18.6	B	18.6	B	18.6	B
	WBR	0.2	A	0.2	A	0.2	A	0.2	A
	NBL	17.5	B	18	B	20.4	C	20.4	C
	NBT	6.9	A	7.2	A	8.4	A	8.4	A
	NBR								
	SBL								
	SBT	18.8	B	19	B	19	B	19	B
	SBR	0.2	A	0.2	A	0.2	A	0.2	A
Intersection		14.4	B	14.5	B	15.3	B	15.3	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.4	C	20.5	C	20.5	C	20.5	C
	EBT	21.2	C	21.2	C	21.3	C	21.3	C
	EBR	0.4	A	0.5	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14.8	B	14.9	B	15.8	B	15.8	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	8	A	8.1	A	8.2	A	8.2	A
	SBT	7.7	A	7.8	A	7.8	A	7.8	A
Intersection		13.5	B	13.6	B	13.8	B	13.8	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.8	C	23.9	C	24.6	C	23.8	C
	WBT	25.3	C	25.3	C	25.4	C	24.6	C
	WBR	28.6	C	30.3	C	30.6	C	29.1	C
	NBL	53.5	D	54.3	D	61.7	E	57.7	E
	NBT	13.8	B	14.7	B	17.9	B	18.9	B
	NBR								
	SBL								
	SBT	30.5	C	31.5	C	33.6	C	29.8	C
	SBR	34.5	C	36.6	D	40	D	33.6	C
Intersection		26	C	26.9	C	29.5	C	28.2	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	34	C	35.8	D	46.8	D	30.6	C
	EBT	28.1	C	29.3	C	36.7	D	25.5	C
	EBR	6.1	A	6.6	A	8	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.4	C	34	C	36.4	D	36.1	D
	NBR	15.6	B	16.1	B	16.2	B	16.4	B
	SBL	42.9	D	43.5	D	43.6	D	40.7	D
	SBT	13.5	B	13.3	B	13.2	B	14.3	B
Intersection		26.2	C	27	C	31.2	C	25.9	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.4	C	23.4	C	23.4	C
	WBT	25	C	25.1	C	25.1	C	25.1	C
	WBR	37.1	D	38.4	D	38.5	D	38.5	D
	NBL	35.9	D	35	D	35	D	35	D
	NBT	19.8	B	19.5	B	19.5	B	19.5	B
	NBR								
	SBL								
	SBT	17.1	B	18.1	B	18.1	B	18.1	B
	SBR	19.4	B	20.9	C	20.9	C	20.9	C
Intersection		25.3	C	25.7	C	25.7	C	25.7	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	31.9	C	32.8	C	32.8	C	32.8	C
	EBT	19.7	B	19.9	B	19.8	B	19.8	B
	EBR	19.9	B	20	C	20	C	20	C
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	20.5	C	20.6	C	20.6	C	20.6	C
	NBR	23.3	C	23.6	C	23.7	C	23.7	C
	SBL	42.5	D	42.3	D	42.6	D	42.6	D
	SBT	12.6	B	12.9	B	12.8	B	12.8	B
Intersection		25	C	25.3	C	25.3	C	25.3	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					35.8	D	34.1	C
	EBT					0.3	A	0.3	A
	EBR	30.7	C	30.7	C				
	WBL					22.4	C	20.7	C
	WBT	13.9	B	13.9	B	4.6	A	2.8	A
	WBR					5.5	A	5.4	A
	NBL	8.8	A	10.2	B	24	C	21.9	C
	NBT								
	NBR	2.3	A	2.5	A	6.2	A	6.5	A
	SBL	4.4	A	5.4	A	17.5	B	18.1	B
	SBT					1.4	A	0.8	A
Intersection		7.1	A	8.2	A	20.6	C	19.8	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.6	D	47	D	47.4	D	47.4	D
	EBT	38.9	D	38.9	D	41.3	D	41.3	D
	EBR								
	WBL	59.7	E	65	E	66.1	E	66.1	E
	WBT								
	WBR								
	NBL							17	B
	NBT	20.2	C	20.9	C	21.5	C	20.2	C
	NBR	3.5	A	3.5	A	3.5	A	3.5	A
	SBL								
	SBT	22.3	C	23.4	C	24.3	C	24.3	C
Intersection		31.8	C	33.4	C	34.1	C	33.8	C
Lakeland Avenue & Manton Street	EBL	21.7	C	21.8	C	21.8	C	21.8	C
	EBT								
	EBR								
	WBL	14.5	B	14.5	B	14.7	B	14.7	B
	WBT								
	WBR								
	NBL	5.9	A	6	A	6.1	A	6.1	A
	NBT								
	NBR								
	SBL	6.8	A	7.1	A	7.5	A	7.5	A
	SBT								
Intersection		8.1	A	8.3	A	8.4	A	8.4	A

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Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.3	A	1.4	A	1.4	A	1.4	A
	EBT	1.2	A	1.3	A	1.3	A	1.3	A
	EBR								
	WBL								
	WBT	5.5	A	5.8	A	5.9	A	5.9	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	33.1	C	33.2	C	33.1	C	33.1	C
	SBT								
	SBR	12.9	B	12.8	B	12.9	B	12.9	B
Intersection		4.8	A	4.9	A	5	A	5	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	4	A	4.2	A	4.3	A	4.3	A
	EBR								
	WBL								
	WBT	4.5	A	4.7	A	4.8	A	4.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23	C	23	C	22.5	C	22.5	C
Intersection		6	A	6.1	A	6.2	A	6.2	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.9	A	6	A	6	A
	EBR								
	WBL								
	WBT	6.7	A	6.8	A	6.8	A	6.8	A
	WBR	5.2	A	4.9	A	4.8	A	4.8	A
	NBL	36	D	36.5	D	36.5	D	36.5	D
	NBT	28.9	C	28.9	C	28.8	C	28.8	C
	NBR								
	SBL								
	SBT	38.8	D	39.2	D	39.1	D	39.1	D
Intersection		12.1	B	12.2	B	12.2	B	12.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	10.2	B	10.9	B	11.2	B	11.2	B
	EBT	10.3	B	11.1	B	11.3	B	11.3	B
	EBR								
	WBL	11.1	B	11	B	11.1	B	11.2	B
	WBT	12.6	B	13.2	B	13.3	B	13.4	B
	WBR	2.9	A	3.3	A	3.4	A	3.3	A
	NBL								
	NBT	41.9	D	42	D	42.1	D	42.1	D
	NBR								
	SBL	32.2	C	33.8	C	34.3	C	34.3	C
	SBT	26.9	C	27.6	C	28.1	C	28.1	C
Intersection		17.5	B	18.1	B	18.5	B	18.5	B
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	21.5	C	21.1	C	21	C	21	C
	EBT	25.4	C	25.1	C	25.2	C	25.2	C
	EBR								
	WBL	0.9	A	1.4	A	1.4	A	1.3	A
	WBT	2.2	A	2.7	A	2.7	A	2.6	A
	WBR								
	NBL								
	NBT	19.3	B	18.6	B	19.3	B	19.3	B
	NBR								
	SBL								
	SBT	28.9	C	28.9	C	28.9	C	28.9	C
	SBR	0.5	A	0.5	A	0.5	A	0.5	A
Intersection		10.9	B	11.1	B	11.2	B	11.1	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.3	A	0.3	A	0.3	A	0.3	A
	EBT	1.6	A	1.6	A	1.6	A	1.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	12.9	B	11.5	B	11.3	B	14.6	B
	WBT	22.6	C	21.7	C	21.3	C	25.8	C
	WBR								
	NBL								
	NBT	47.3	D	49.5	D	50	D	50	D
	NBR	2.7	A	3.1	A	3.1	A	3.1	A
	SBL								
	SBT	19.5	B	19.9	B	19.7	B	19.7	B
Intersection		17.4	B	17.3	B	17.1	B	19.1	B

NELSON & POPE
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Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	44.2	D	44.2	D	44.2	D	42.8	D
	EBR								
	WBL								
	WBT	16.6	B	16.8	B	16	B	16.7	B
	WBR								
	NBL	5.1	A	5.6	A	5.9	A	4.6	A
	NBT	6	A	6.8	A	7.1	A	5	A
	NBR								
	SBL	6	A	6	A	6.5	A	6	A
	SBT	11.9	B	13	B	13.5	B	10.6	B
Intersection		14	B	14.7	B	15.2	B	12.9	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16	B	15.9	B	15.9	B	15.9	B
	EBR								
	WBL								
	WBT	16.2	B	16.1	B	16.1	B	16.1	B
	WBR								
	NBL								
	NBT	20.1	C	19.9	B	20	B	20	B
	NBR								
	SBL	7.6	A	7.7	A	7.6	A	7.6	A
	SBT	7.9	A	7.9	A	7.9	A	7.9	A
	SBR								
	NWL	7.6	A	7.6	A	7.7	A	7.7	A
Intersection		10.6	B	10.6	B	10.2	B	10.2	B
Cherry Avenue & Brook Street	EBL								
	EBT	9.6	A	9.6	A	10.9	B	10.9	B
	EBR								
	WBL								
	WBT	9.1	A	9.1	A	10	A	10	A
	WBR								
	NBL								
	NBT	8.5	A	8.5	A	9.2	A	9.2	A
	NBR								
	SBL								
	SBT	9.2	A	9.3	A	10.5	B	10.5	B
Intersection		9.2	A	9.3	A	10.3	B	10.3	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.6	B	17.6	B	17.6	B
	WBT	39.8	D	46.5	D	47.2	D	47.2	D
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	16.1	B	16.2	B	17.3	B	17.3	B
	NBT	3.2	A	3.3	A	3.1	A	3.1	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.6	A	0.7	A	0.7	A	0.7	A
Intersection		28.8	C	33.1	C	33.3	C	33.3	C
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.4	B	19.5	B	19.4	B	19.4	B
	EBT	21.9	C	22.1	C	22.1	C	22.1	C
	EBR	0.6	A	0.7	A	1.7	A	1.7	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	16.3	B	16.3	B	16.6	B	16.6	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.4	A	3.4	A	3.4	A
	SBT	2.3	A	2.6	A	2.6	A	2.6	A
Intersection		13.6	B	13.8	B	13.6	B	13.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.6	C	31.3	C	29.9	C
	WBT	47.1	D	54.7	D	44.8	D	40.1	D
	WBR	5.2	A	6.7	A	9.7	A	9.9	A
	NBL	49.6	D	49.5	D	53.7	D	51.2	D
	NBT	15	B	14.9	B	15.1	B	18.9	B
	NBR								
	SBL								
	SBT	67.8	E	81.8	F	120.5	F	49.5	D
	SBR	90.3	F	104.4	F	142.1	F	55.4	E
Intersection		48.7	D	56.2	E	68.9	E	39.4	D

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.9	C	26.1	C	29	C	23.3	C
	EBT	23.4	C	23.3	C	25.3	C	24.1	C
	EBR	7.3	A	8.5	A	15.4	B	16	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	34.5	C	35.8	D	35.3	D	34	C
	NBR	17.6	B	18.7	B	17.5	B	17.3	B
	SBL	44.5	D	45.7	D	46.7	D	50.3	D
	SBT	31.8	C	32.1	C	29.6	C	29.1	C
Intersection		28.4	C	29	C	29.5	C	28.9	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	19.1	B	19.3	B	19.3	B	19.3	B
	WBT	21.9	C	22.2	C	22.2	C	22.2	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	25.9	C	25.9	C	25.8	C	25.8	C
	NBT	13.8	B	13.8	B	13.7	B	13.7	B
	NBR								
	SBL								
	SBT	18.3	B	18.5	B	18.6	B	18.6	B
	SBR	68.8	E	81.7	F	82.8	F	82.8	F
Intersection		33.4	C	37.1	D	37.4	D	37.4	D
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.2	C	23.4	C	23.4	C	23.4	C
	EBT	20.5	C	20.6	C	20.6	C	20.6	C
	EBR	18.2	B	18.2	B	18.2	B	18.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	23.1	C	23.4	C	23.4	C	23.4	C
	NBR	28.2	C	29.8	C	29.9	C	29.9	C
	SBL	47.4	D	47.5	D	47.5	D	47.5	D
	SBT	6.2	A	6.3	A	6.3	A	6.3	A
Intersection		25.3	C	25.5	C	25.5	C	25.5	C

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		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.2	C	38.5	D
	EBT					0.3	A	0.3	A
	EBR	33.4	C	33.4	C				
	WBL					25.6	C	28.5	C
	WBT	14	B	14	B	5.7	A	5	A
	WBR					4.7	A	4.7	A
	NBL	9.8	A	10.2	B	15.4	B	12.6	B
	NBT								
	NBR	2.7	A	2.8	A	5.1	A	5.1	A
	SBL	6.4	A	6.8	A	19.5	B	16.9	B
	SBT					4.9	A	4.1	A
Intersection		8.4	A	8.8	A	16.8	B	15	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.2	D	43.7	D	43.8	D	43.9	D
	EBT	41.8	D	42.1	D	43.1	D	43.1	D
	EBR								
	WBL								
	WBT	47.1	D	48.2	D	48.4	D	48	D
	WBR								
	NBL							17.2	B
	NBT	18.4	B	19.5	B	21.6	C	18.6	B
	NBR	4.3	A	4.7	A	5.3	A	4.8	A
	SBL								
	SBT	21.7	C	23.3	C	24.4	C	24.5	C
Intersection		26	C	27	C	28.1	C	27.2	C
Lakeland Avenue & Manton Street	EBL	20.9	C	20.9	C	20.9	C	20.9	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.9	B	13.9	B
	WBR								
	NBL								
	NBT	8.4	A	8.8	A	9.3	A	9.3	A
	NBR								
	SBL	9.2	A	9.8	A	10.4	B	10.4	B
	SBT								
Intersection		10.2	B	10.6	B	11.1	B	11.1	B

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		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	3	A	3.1	A	3.1	A
	EBT	3.5	A	3.8	A	3.9	A	3.9	A
	EBR								
	WBL								
	WBT	7.5	A	8.1	A	8.2	A	8.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52	D	52	D	52	D
	SBT								
	SBR	12.6	B	12.4	B	12.4	B	12.4	B
Intersection		6.3	A	6.7	A	6.8	A	6.8	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.3	B	11.7	B	12.3	B	12.3	B
	EBR								
	WBL								
	WBT	5.1	A	5.7	A	5.6	A	5.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	38.7	D	39.3	D	39.2	D	39.2	D
Intersection		10.6	B	11.5	B	11.8	B	11.8	B
Greene Avenue & Montauk Highway	EBL								
	EBT	8.4	A	9.2	A	9.5	A	9.5	A
	EBR								
	WBL								
	WBT	5.9	A	6.2	A	6.1	A	6.1	A
	WBR	2.4	A	1.8	A	1.7	A	1.7	A
	NBL	51.9	D	53.9	D	53.5	D	53.5	D
	NBT	36.2	D	36.1	D	36.2	D	36.2	D
	NBR								
	SBL								
	SBT	50.2	D	50.7	D	50.5	D	50.5	D
Intersection		13.8	B	14.3	B	14.3	B	14.3	B

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Phase 5 Analysis with Other Planned Developments
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		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	11.3	B	11.4	B	11.1	B	11.1	B
	EBT	16.7	B	17.3	B	16.4	B	16.4	B
	EBR								
	WBL	12.4	B	13.5	B	13.9	B	13.9	B
	WBT	16.9	B	18.3	B	18.8	B	18.8	B
	WBR	4.8	A	5.1	A	5.3	A	5.3	A
	NBL								
	NBT	50.5	D	51	D	51.1	D	51.1	D
	NBR								
	SBL	63.2	E	86.2	F	88.6	F	88.6	F
	SBT	31.7	C	33.6	C	34.3	C	34.3	C
Intersection		25.8	C	29.5	C	29.8	C	29.8	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	26.4	C	26.5	C	26.5	C
	EBT	53.6	D	64.1	E	64.8	E	64.8	E
	EBR								
	WBL	1.8	A	1.8	A	1.9	A	1.9	A
	WBT	2.5	A	2.7	A	2.8	A	2.8	A
	WBR								
	NBL								
	NBT	25.1	C	25	C	24.7	C	24.7	C
	NBR								
	SBL								
	SBT	42.1	D	42.1	D	42.2	D	42.2	D
	SBR	3.1	A	3.4	A	3.4	A	3.4	A
Intersection		25.6	C	29.7	C	30	C	30	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.6	A	0.5	A	0.5	A	0.5	A
	EBT	3.2	A	3.5	A	3.5	A	3.5	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	22.8	C	30.5	C	30.9	C	30.9	C
	WBT	20.3	C	23.1	C	22.9	C	22.9	C
	WBR								
	NBL								
	NBT	54	D	59.5	E	59.7	E	59.7	E
	NBR	6.7	A	6.7	A	6.8	A	6.8	A
	SBL								
	SBT	26.6	C	27.2	C	27.6	C	27.6	C
Intersection		17.7	B	19.7	B	19.7	B	19.7	B

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Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	53.6	D	52.6	D	52.6	D
	EBR								
	WBL								
	WBT	2.8	A	3.1	A	2.7	A	2.7	A
	WBR								
	NBL	11.3	B	12.1	B	12.4	B	12.4	B
	NBT	17.1	B	18.2	B	18.7	B	18.7	B
	NBR								
	SBL	6.7	A	6.8	A	7.1	A	7.1	A
	SBT	11.2	B	12.5	B	12.5	B	12.5	B
Intersection		18.4	B	19.4	B	19.7	B	19.7	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.5	B	16.5	B	16.4	B	16.4	B
	EBR								
	WBL								
	WBT	16.9	B	16.8	B	16.7	B	16.7	B
	WBR								
	NBL								
	NBT	16.9	B	16.9	B	16.7	B	16.7	B
	NBR								
	SBL	4.2	A	4.2	A	4.2	A	4.2	A
	SBT	4.2	A	4.2	A	4.2	A	4.2	A
	SBR								
	NWL	4.2	A	4.2	A	4.3	A	4.3	A
Intersection		6.1	A	6	A	5.8	A	5.8	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	11.7	B	11.9	B	11.9	B
	EBR								
	WBL								
	WBT	10.1	B	10.6	B	10.7	B	10.7	B
	WBR								
	NBL								
	NBT	9.1	A	9.3	A	9.4	A	9.4	A
	NBR								
	SBL								
	SBT	11.1	B	12.2	B	12.4	B	12.4	B
Intersection		10.5	B	11.3	B	11.5	B	11.5	B

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		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.4	B	18.5	B	18.5	B	18.5	B
	WBT	51.8	D	62.4	E	63.3	E	63.3	E
	WBR	0.4	A	0.4	A	0.4	A	0.4	A
	NBL	17.8	B	18	B	18.9	B	18.9	B
	NBT	5	A	5.1	A	4.7	A	4.7	A
	NBR								
	SBL								
	SBT	20.2	C	20.2	C	20.2	C	20.2	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		35.7	D	42.2	D	42.4	D	42.4	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.2	C	20.3	C	20.1	C	20.1	C
	EBT	21.5	C	21.7	C	21.7	C	21.7	C
	EBR	0.6	A	0.6	A	1.5	A	1.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.4	B	17.6	B	17.9	B	17.9	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.1	A	3.2	A	3.3	A	3.3	A
	SBT	3	A	3	A	3	A	3	A
Intersection		12.9	B	13	B	12.9	B	12.9	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	30.6	C	31.4	C	35.9	D	35.9	D
	WBT	134	F	154.4	F	155.8	F	155.8	F
	WBR	14.3	B	16.3	B	19.8	B	19.8	B
	NBL	46.9	D	46.6	D	49.2	D	48.1	D
	NBT	15.4	B	15.4	B	15.4	B	17.6	B
	NBR								
	SBL								
	SBT	65.8	E	80	E	128.5	F	55.3	E
	SBR	84.7	F	99	F	141.8	F	40.7	D
Intersection		74.1	E	85.4	F	100.3	F	72.2	E

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		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25	C	25.1	C	28.2	C	23	C
	EBT	23.2	C	23.2	C	25.4	C	24.6	C
	EBR	6	A	7.3	A	16.1	B	17.1	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	32.3	C	33.3	C	32.9	C	31.9	C
	NBR	18	B	19	B	18.1	B	17.8	B
	SBL	44.5	D	44.6	D	41.9	D	45.6	D
	SBT	31.3	C	31.6	C	28.7	C	27.7	C
Intersection		27	C	27.5	C	28	C	27.3	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.5	C	20.8	C	20.8	C	20.8	C
	WBT	23.6	C	24.1	C	24.2	C	24.2	C
	WBR	19.9	B	20.1	C	20.1	C	20.1	C
	NBL	27.9	C	27.7	C	27.7	C	27.7	C
	NBT	13.6	B	13.6	B	13.6	B	13.6	B
	NBR								
	SBL								
	SBT	18.7	B	19	B	19	B	19	B
	SBR	38.3	D	41.9	D	42.1	D	42.1	D
Intersection		24.2	C	25.2	C	25.3	C	25.3	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.1	C	23.3	C	23.3	C	23.3	C
	EBT	21	C	21	C	21	C	21	C
	EBR	18	B	17.9	B	17.9	B	17.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.5	C	22.8	C	22.8	C	22.8	C
	NBR	26.6	C	28.3	C	28.4	C	28.4	C
	SBL	44.1	D	44.1	D	44.1	D	44.1	D
	SBT	6.7	A	6.8	A	6.8	A	6.8	A
Intersection		24.6	C	24.8	C	24.8	C	24.8	C

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		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.3	C	37.6	D
	EBT					0.3	A	0.3	A
	EBR	31.6	C	31.7	C				
	WBL					24.4	C	26.9	C
	WBT	13.8	B	13.7	B	4	A	3.7	A
	WBR					4.8	A	4.8	A
	NBL	7.8	A	8	A	14.7	B	11.6	B
	NBT								
	NBR	2.3	A	2.3	A	4.9	A	4.8	A
	SBL	5.7	A	6.1	A	21.7	C	17.4	B
	SBT					4.8	A	3.7	A
Intersection		7	A	7.3	A	17.5	B	14.8	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.1	D	46.2	D	46.2	D	46.2	D
	EBT	40	D	40.7	D	41.5	D	41.5	D
	EBR								
	WBL								
	WBT	51.6	D	54	D	54.4	D	54.4	D
	WBR								
	NBL							20.1	C
	NBT	18.9	B	19.9	B	22.8	C	18.1	B
	NBR	3.4	A	3.5	A	4.3	A	3.4	A
	SBL								
	SBT	28.1	C	30.7	C	32.6	C	32.6	C
Intersection		30.2	C	32	C	33.4	C	32.4	C
Lakeland Avenue & Manton Street	EBL								
	EBT	21.7	C	21.8	C	21.8	C	21.8	C
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.8	B	13.8	B
	WBR								
	NBL								
	NBT	7.7	A	8.1	A	8.5	A	8.5	A
	NBR								
	SBL								
	SBT	11.2	B	12.3	B	13.1	B	13.1	B
Intersection		11.2	B	11.9	B	12.3	B	12.3	B

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		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.5	A	2.7	A	2.8	A	2.8	A
	EBT	3.7	A	4	A	4.1	A	4.1	A
	EBR								
	WBL								
	WBT	7.2	A	7.7	A	7.8	A	7.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	53.4	D	53.7	D	53.7	D	53.7	D
	SBT								
	SBR	12.2	B	12	B	12	B	12	B
Intersection		6.8	A	7.1	A	7.2	A	7.2	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	9	A	9.9	A	10.4	B	10.4	B
	EBR								
	WBL								
	WBT	5.3	A	5.4	A	5.8	A	5.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	31	C	31.6	C	31.4	C	31.4	C
Intersection		8.9	A	9.3	A	9.8	A	9.8	A
Greene Avenue & Montauk Highway	EBL								
	EBT	9	A	9.1	A	9.6	A	9.6	A
	EBR								
	WBL								
	WBT	5.3	A	6.7	A	6.6	A	6.6	A
	WBR	2.2	A	2.4	A	2.2	A	2.2	A
	NBL	63.4	E	65.4	E	65.4	E	65.4	E
	NBT	34.5	C	34.2	C	34.2	C	34.2	C
	NBR								
	SBL								
	SBT	52.4	D	53	D	53	D	53	D
Intersection		16.4	B	16.9	B	17	B	17	B

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		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.9	B	13.5	B	13.3	B	13.3	B
	EBT	20.4	C	20.4	C	20	B	20	B
	EBR								
	WBL	15.6	B	15.9	B	16.3	B	16.3	B
	WBT	20	C	21.4	C	22.1	C	22.1	C
	WBR	5.3	A	5.7	A	5.9	A	5.9	A
	NBL								
	NBT	52.9	D	52.9	D	53	D	53	D
	NBR								
	SBL	73	E	99.2	F	100.7	F	100.7	F
	SBT	31.2	C	32.9	C	33.5	C	33.5	C
Intersection		30.3	C	34.3	C	34.6	C	34.6	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	28.6	C	28.6	C	28.6	C
	EBT	56.8	E	75.9	E	76.5	E	76.5	E
	EBR								
	WBL	2	A	2.5	A	2.4	A	2.4	A
	WBT	2.8	A	3.2	A	3.3	A	3.3	A
	WBR								
	NBL								
	NBT	20.5	C	20.1	C	20.1	C	20.1	C
	NBR								
	SBL								
	SBT	42.2	D	42.4	D	42.4	D	42.4	D
	SBR	4.8	A	5.3	A	5.5	A	5.5	A
Intersection		27.1	C	34.7	C	35	C	35	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.7	A	0.7	A	0.7	A	0.7	A
	EBT	3.9	A	4.7	A	4.7	A	4.7	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	38.2	D	65.4	E	66.4	E	66.4	E
	WBT	24.7	C	27.7	C	27.7	C	27.7	C
	WBR								
	NBL								
	NBT	58	E	58.9	E	59.2	E	59.2	E
	NBR	7.4	A	7.3	A	7.3	A	7.3	A
	SBL								
	SBT	24.6	C	25.2	C	25.4	C	25.4	C
Intersection		19.9	B	22.9	C	23	C	23	C

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		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	41	D	42.2	D	42.6	D	42.6	D
	EBR								
	WBL								
	WBT	26	C	26.4	C	25.8	C	25.8	C
	WBR								
	NBL	9.6	A	10.8	B	11	B	11	B
	NBT	15.6	B	17.8	B	18	B	18	B
	NBR								
	SBL	6	A	6	A	6	A	6	A
	SBT	9.6	A	10.3	B	10.6	B	10.6	B
Intersection		15.8	B	17.2	B	17.4	B	17.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.6	B	15.4	B	17.5	B	17.5	B
	EBR								
	WBL								
	WBT	16.1	B	15.9	B	17.9	B	17.9	B
	WBR								
	NBL								
	NBT	16.2	B	15.9	B	18	B	18	B
	NBR								
	SBL	4.3	A	4.3	A	5.7	A	5.7	A
	SBT	4.3	A	4.3	A	5.7	A	5.7	A
	SBR								
	NWL	4.4	A	4.5	A	5.8	A	5.8	A
Intersection		6.6	A	6.6	A	7.8	A	7.8	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	10.7	B	10.8	B	10.8	B
	EBR								
	WBL								
	WBT	10.3	B	10.3	B	10.3	B	10.3	B
	WBR								
	NBL								
	NBT	9.5	A	9.6	A	9.7	A	9.7	A
	NBR								
	SBL								
	SBT	10.4	B	10.5	B	10.6	B	10.6	B
Intersection		10.3	B	10.4	B	10.4	B	10.4	B

NELSON & POPE
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Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.5	B	17.5	B	17.5	B
	WBT	18.9	B	18.9	B	18.9	B	18.9	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	15.9	B	16	B	17.5	B	17.5	B
	NBT	2.8	A	2.9	A	2.6	A	2.6	A
	NBR								
	SBL								
	SBT	18.8	B	19	B	19	B	19	B
	SBR	0.4	A	0.4	A	0.4	A	0.4	A
Intersection		13.3	B	13.2	B	13.5	B	13.5	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.3	C	20.3	C	20.2	C	20.2	C
	EBT	20.9	C	21	C	20.9	C	20.9	C
	EBR	0.6	A	0.6	A	0.8	A	0.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.8	B	15.9	B	16.1	B	16.1	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.3	A	3.4	A	3.4	A
	SBT	2.7	A	2.8	A	2.8	A	2.8	A
Intersection		12.7	B	12.7	B	12.6	B	12.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.2	C	31.6	C	30.3	C
	WBT	27.8	C	27.9	C	28.5	C	27.5	C
	WBR	8	A	9.6	A	12.6	B	12.2	B
	NBL	52.8	D	54.1	D	63.2	E	54.3	D
	NBT	15.2	B	16.5	B	16.8	B	19.5	B
	NBR								
	SBL								
	SBT	30.4	C	31.9	C	33	C	29.9	C
	SBR	35.7	D	38	D	41.8	D	32.3	C
Intersection		27.1	C	28.1	C	30.6	C	28.5	C

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Phase 5 Analysis with Other Planned Developments
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		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	27.6	C	28.1	C	30	C	26.2	C
	EBT	25.2	C	25.4	C	26.8	C	24	C
	EBR	4.7	A	5.9	A	13.5	B	14	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	28.8	C	29.3	C	30.3	C	29.7	C
	NBR	7.9	A	9.5	A	12.5	B	12.2	B
	SBL	42	D	42.3	D	42.2	D	42.9	D
	SBT	21.6	C	22.3	C	20.5	C	16.8	B
Intersection		23.2	C	23.8	C	25	C	23.4	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.6	B	18.8	B	18.8	B	18.8	B
	WBT	21.7	C	21.9	C	21.9	C	21.9	C
	WBR	20.7	C	20.9	C	20.8	C	20.8	C
	NBL	29.8	C	29.9	C	29.8	C	29.8	C
	NBT	13.2	B	13.2	B	13.3	B	13.3	B
	NBR								
	SBL								
	SBT	18.5	B	18.7	B	18.7	B	18.7	B
	SBR	23.2	C	23.7	C	23.8	C	23.8	C
Intersection		20.4	C	20.6	C	20.6	C	20.6	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	24.2	C	24.3	C	24.3	C	24.3	C
	EBT	20.4	C	20.3	C	20.3	C	20.3	C
	EBR	17.7	B	17.6	B	17.6	B	17.6	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.5	B	19.5	B	19.5	B
	NBR	22.2	C	22.9	C	22.6	C	22.6	C
	SBL	41.2	D	41	D	41	D	41	D
	SBT	6.8	A	7	A	7	A	7	A
Intersection		22.9	C	23	C	22.9	C	22.9	C

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Phase 5 Analysis with Other Planned Developments
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		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.6	C	34.5	C
	EBT					1	A	0.6	A
	EBR	32.3	C	32.4	C				
	WBL					24.7	C	24.8	C
	WBT	13.4	B	13.3	B	8.3	A	6.8	A
	WBR					4.8	A	5	A
	NBL	9	A	9.4	A	15.9	B	13.5	B
	NBT								
	NBR	2.5	A	2.5	A	5	A	5.2	A
	SBL	5.1	A	5.3	A	15.6	B	14.7	B
	SBT					4.1	A	3.2	A
Intersection		7.7	A	8	A	15.4	B	14.1	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.1	D	43.6	D	44.3	D	44.1	D
	EBT	38.8	D	39	D	41.5	D	41.3	D
	EBR								
	WBL								
	WBT	46.5	D	47.6	D	48.6	D	48.4	D
	WBR								
	NBL							17.5	B
	NBT	20.1	C	21.4	C	25.7	C	20.4	C
	NBR	5.3	A	5.8	A	6.6	A	5.8	A
	SBL								
	SBT	21.3	C	22.9	C	24.7	C	24.7	C
Intersection		25.3	C	26.5	C	28.8	C	27.1	C
Lakeland Avenue & Manton Street	EBL	18.9	B	18.9	B	18.9	B	18.9	B
	EBT								
	EBR								
	WBL								
	WBT	15.4	B	15.4	B	15.4	B	15.4	B
	WBR								
	NBL								
	NBT	8.5	A	9.3	A	10.5	B	10.5	B
	NBR								
	SBL								
	SBT	9.9	A	10.9	B	12.2	B	12.2	B
Intersection		10.1	B	10.8	B	11.9	B	11.9	B

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		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.8	A	1.8	A	1.9	A	1.9	A
	EBT	2.6	A	2.8	A	2.9	A	2.9	A
	EBR								
	WBL								
	WBT	5.8	A	6.5	A	6.8	A	6.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52	D	52.1	D	52.1	D	52.1	D
	SBT								
	SBR	11.4	B	11.4	B	11	B	11	B
Intersection		5.6	A	5.9	A	6.1	A	6.1	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.3	A	6.8	A	7.2	A	7.2	A
	EBR								
	WBL								
	WBT	4.9	A	5.3	A	5.6	A	5.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23.4	C	23.7	C	24	C	24	C
Intersection		6.9	A	7.3	A	7.7	A	7.7	A
Greene Avenue & Montauk Highway	EBL								
	EBT	6.7	A	7.2	A	7.7	A	7.7	A
	EBR								
	WBL								
	WBT	5.4	A	5.5	A	6	A	6	A
	WBR	3.9	A	3.4	A	3.5	A	3.5	A
	NBL	63	E	65.2	E	65.7	E	65.7	E
	NBT	36.9	D	36.6	D	36.4	D	36.4	D
	NBR								
	SBL								
	SBT	52.1	D	52.1	D	52.4	D	52.4	D
Intersection		15.7	B	15.8	B	16	B	16	B

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Phase 5 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gillette Avenue/Railroad Avenue & Montauk Highway	EBL	16.5	B	15.9	B	17.1	B	17.8	B
	EBT	20	B	18.5	B	19.2	B	19.8	B
	EBR								
	WBL	15.7	B	16.3	B	17.4	B	18	B
	WBT	19.6	B	22.1	C	23.5	C	24.4	C
	WBR	5.4	A	6	A	6.5	A	6.6	A
	NBL								
	NBT	53.8	D	53.5	D	53.8	D	53.8	D
	NBR								
	SBL	67.7	E	97.9	F	91.1	F	81.4	F
	SBT	30.3	C	32.4	C	33.4	C	32.4	C
Intersection		29.8	C	34.7	C	34.4	C	33.2	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	28.3	C	31.6	C	31.6	C	31.7	C
	EBT	30.4	C	32.9	C	33	C	33	C
	EBR								
	WBL	1.9	A	2.2	A	2.4	A	2.1	A
	WBT	3.3	A	3.7	A	3.8	A	3.6	A
	WBR								
	NBL								
	NBT	21	C	21.1	C	21.1	C	21.1	C
	NBR								
	SBL								
	SBT	40.9	D	41.4	D	41.3	D	41.3	D
	SBR	1.2	A	1.3	A	1.3	A	1.3	A
Intersection		15.2	B	16.4	B	16.5	B	16.4	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.3	A	1.5	A	1.5	A	1.5	A
	EBT	3	A	3.2	A	3.3	A	3.3	A
	EBR	0.2	A	0.2	A	0.2	A	0.2	A
	WBL	22	C	25.9	C	26.3	C	27.4	C
	WBT	21.8	C	23.2	C	23.5	C	24.3	C
	WBR								
	NBL								
	NBT	49.3	D	49.6	D	49.3	D	49.3	D
	NBR	7.4	A	7.2	A	7.2	A	7.2	A
	SBL								
	SBT	25	C	25.1	C	25	C	25	C
Intersection		17.5	B	18.3	B	18.4	B	18.8	B

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Phase 5 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	50.5	D	51.1	D	52	D	48.9	D
	EBT								
	EBR								
	WBL	31	C	31	C	30	C	31	C
	WBT								
	WBR								
	NBL	11.6	B	11.9	B	12.3	B	11.2	B
	NBT	16.2	B	16.3	B	16.8	B	14.9	B
	NBR	6	A	6	A	6	A	6	A
	SBL								
	SBT								
Intersection		17.6	B	18.4	B	19.3	B	16.6	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	15.7	B	15.7	B	15.6	B	15.6	B
	EBT								
	EBR								
	WBL	16.2	B	16.1	B	16.2	B	16.2	B
	WBT								
	WBR								
	NBL	20.4	C	20.1	C	20.3	C	20.3	C
	NBT								
	NBR								
	SBL	7.4	A	7.5	A	7.4	A	7.4	A
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
	SBR	7.6	A	7.6	A	7.6	A	7.6	A
	NWL								
Intersection		9.8	A	9.9	A	9.5	A	9.5	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.5	B	10.7	B	10.7	B
	EBT								
	EBR								
	WBL	10.2	B	10.2	B	10.1	B	10.1	B
	WBT								
	WBR								
	NBL	9.4	A	9.4	A	9.5	A	9.5	A
	NBT								
	NBR								
	SBL	10.5	B	10.5	B	10.7	B	10.7	B
	SBT								
Intersection		10.2	B	10.3	B	10.4	B	10.4	B

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Phase 5 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	24.2	C	26.5	D	44.2	E	44.5	E
Lakeland Avenue & Chester Road	EB	50.5	F	63.2	F	104.5	F	107.1	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	17.2	C	17.3	C	17.3	C
	WB	17.7	C	19.1	C	20.0	C	20.0	C
	NB	0.1	A	0.2	A	0.1	A	0.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	17.1	C	18.4	C	19.9	C	19.9	C
	NB	9.1	A	9.2	A	2.0	A	2.0	A
Railroad Avenue & Hiddink Street	WB	14.4	B	15.0	B	15.6	C	15.6	C
	NB	0.0		0.0		0.0		0.0	
	SB	2.2	A	2.3	A	2.4	A	2.4	A
Railroad Avenue & Center Street	EB	16.0	C	16.8	C	16.8	C	16.8	C
	NB	1.3	A	1.3	A	1.3	A	1.3	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.1	A	1.1	A	1.1	A	1.1	A
	WB	0.4	A	0.4	A	0.4	A	0.4	A
	NB	13.6	B	14.2	B	14.3	B	14.3	B
	SB	13.7	B	14.2	B	14.4	B	14.4	B
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.5	B	10.5	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	11.4	B	11.4	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.5	B	10.5	B	10.9	B	10.9	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.2	A	8.2	A
	WB	8.0	A	8.0	A	8.1	A	8.1	A
	SB	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.8	A	9.8	A

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Phase 5 Analysis

Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.0	A	8.1	A	8.4	A	8.4	A
	WB	9.0	A	9.1	A	9.3	A	9.3	A
	NB	8.4	A	8.5	A	8.8	A	8.8	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.7	A	1.7	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.3	A	9.4	A	9.7	A	9.7	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.1	A	9.1	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	3.1	A	4.9	A	4.9	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	6.1	A	6.1	A	6.1	A	6.1	A
Lincoln Avenue & Hiddink Street	EB	8.7	A	8.8	A	8.9	A	8.9	A
	WB	8.6	A	8.7	A	8.8	A	8.8	A
	NB	9.0	A	9.1	A	9.1	A	9.1	A
	SB	9.1	A	9.3	A	9.3	A	9.3	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.4	A	4.4	A
	NB	0.0	A	0.0	A	9.4	A	9.4	A
Terry Road & Site Access	EB	0.0		0.0		0.7	A	0.7	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.1	B	10.1	B

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Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.0	C	20.0	C	24.6	C	26.1	D
	NB	10.1	B	10.4	B	11.5	B	11.5	B
Lakeland Avenue & Chester Road	EB	93.2	F	134.2	F	291.9	F	254.3	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	17.5	C	18.5	C	19.6	C	19.6	C
	WB	23.0	C	25.6	D	28.3	D	28.3	D
	NB	1.1	A	1.2	A	1.2	A	1.2	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	22.7	C	25.6	D	31.7	D	31.7	D
	NB	3.0	A	3.2	A	3.2	A	3.2	A
Railroad Avenue & Hiddink Street	WB	19.2	C	20.8	C	22.1	C	22.1	C
	NB	0.0		0.0		0.0		0.0	
	SB	3.6	A	3.8	A	3.9	A	3.9	A
Railroad Avenue & Center Street	EB	21.7	C	24.2	C	22.2	C	22.2	C
	NB	1.4	A	1.4	A	1.4	A	1.4	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.8	A	2.1	A	2.1	A	2.1	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	53.6	F	71.5	F	75.6	F	75.6	F
	SB	18.0	C	19.5	C	19.8	C	19.8	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.4	B	10.5	B	11.0	B	11.0	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.4	B	11.5	B	12.2	B	12.2	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.0	B	10.1	B	10.3	B	10.3	B
Terry Road & Sterling Place	EB	8.4	A	8.5	A	8.7	A	8.7	A
	WB	8.1	A	8.1	A	8.3	A	8.3	A
	SB	7.2	A	7.3	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.8	A	9.8	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.9	A	9.1	A	9.4	A	9.4	A
	WB	10.5	B	10.7	B	11.3	B	11.3	B
	NB	10.0	A	10.2	B	10.7	B	10.7	B
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.0	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	10.1	B	10.1	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.9	A	9.8	A	10.2	B	10.2	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.8	A	0.8	A	3.5	A	3.5	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	3.0	A	3.0	A	3.0	A	3.0	A
Lincoln Avenue & Hiddink Street	EB	10.3	B	10.6	B	10.7	B	10.7	B
	WB	9.0	A	9.1	A	9.2	A	9.2	A
	NB	10.0	A	10.2	B	10.4	B	10.4	B
	SB	10.5	B	10.7	B	10.9	B	10.9	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.4	A	5.4	A
	NB	0.0	A	0.0	A	10.7	B	10.7	B
Terry Road & Site Access	EB	0.0		0.0		1.2	A	1.2	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	25.8	D	27.8	D	34.3	D	37.3	E
	NB	10.6	B	10.9	B	12.2	B	12.2	B
Lakeland Avenue & Chester Road	EB	73.2	F	98.6	F	266.7	F	215.0	F
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	16.7	C	19.0	C	18.5	C	18.5	C
	WB	20.7	C	23.4	C	24.3	C	24.3	C
	NB	0.1	A	0.1	A	0.1	A	0.1	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	20.4	C	22.7	C	27.1	D	27.1	D
	NB	2.5	A	2.7	A	2.7	A	2.7	A
Railroad Avenue & Hiddink Street	WB	22.7	C	25.7	D	27.0	D	27.0	D
	NB	0.0		0.0		0.0		0.0	
	SB	3.5	A	3.6	A	3.8	A	3.8	A
Railroad Avenue & Center Street	EB	23.4	C	26.2	D	24.3	C	24.3	C
	NB	1.9	A	2.0	A	2.0	A	2.0	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.4	A	2.6	A	2.7	A	2.7	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	31.7	D	38.3	E	39.9	E	39.9	E
	SB	18.2	C	20.0	C	18.6	C	18.6	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.7	A	10.6	B	10.6	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	11.1	B	11.2	B	11.9	B	11.9	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.2	A	0.2	A	0.1	A	0.1	A
	NB	10.8	B	10.9	B	11.3	B	11.3	B
Terry Road & Sterling Place	EB	8.2	A	8.3	A	8.5	A	8.5	A
	WB	7.9	A	8.0	A	8.2	A	8.2	A
	SB	7.1	A	7.1	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.7	A	10.0	A	10.0	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.4	A	8.5	A	8.8	A	8.8	A
	WB	10.2	B	10.5	B	11.0	B	11.0	B
	NB	9.0	A	9.2	A	9.5	A	9.5	A
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.1	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.5	B	10.6	B	10.9	B	10.9	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.8	A	9.9	A	10.3	B	10.3	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.3	A	9.3	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.3	A	3.5	A	5.3	A	5.3	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	4.6	A	4.6	A	4.6	A	4.6	A
Lincoln Avenue & Hiddink Street	EB	10.2	B	10.4	B	10.6	B	10.6	B
	WB	9.2	A	9.4	A	9.5	A	9.5	A
	NB	10.5	B	10.9	B	11.0	B	11.0	B
	SB	10.8	B	11.1	B	11.2	B	11.2	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.1	A	5.1	A
	NB	0.0	A	0.0	A	10.9	B	10.9	B
Terry Road & Site Access	EB	0.0		0.0		1.3	A	1.3	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.1	B	10.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.2	C	20.0	C	25.2	D	25.2	D
	NB	9.4	A	9.5	A	10.1	B	10.1	B
Lakeland Avenue & Chester Road	EB	65.7	F	86.6	F	166.7	F	162.8	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	20.1	C	22.0	C	24.9	C	24.9	C
	WB	31.1	D	38.4	E	49.7	E	49.7	E
	NB	0.4	A	0.4	A	0.4	A	0.4	A
	SB	0.6	A	0.7	A	0.7	A	0.7	A
Railroad Avenue & Depot Street	EB	37.9	E	48.0	E	74.2	F	74.2	F
	NB	3.2	A	3.5	A	3.7	A	3.7	A
Railroad Avenue & Hiddink Street	WB	32.5	D	Err	F	53.2	F	53.2	F
	NB	0.0		0.0		0.0		0.0	
	SB	2.7	A	16.0	C	3.4	A	3.4	A
Railroad Avenue & Center Street	EB	25.9	D	29.2	D	31.7	D	31.7	D
	NB	1.9	A	2.0	A	1.9	A	1.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.2	A	1.3	A	1.3	A	1.3	A
	WB	0.5	A	0.6	A	0.6	A	0.6	A
	NB	42.9	E	60.9	F	65.2	F	65.2	F
	SB	17.8	C	19.3	C	20.0	C	20.0	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.3	B	10.3	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	11.3	B	11.3	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	9.9	A	10.0	B	10.4	B	10.4	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.2	A	8.2	A
	WB	7.8	A	7.8	A	8.1	A	8.1	A
	SB	7.1	A	7.1	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.4	B	10.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 5 Analysis

Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 5		Build Phase 5		Build Phase 5 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.3	A	8.8	A	8.8	A
	WB	9.0	A	9.1	A	9.7	A	9.7	A
	NB	8.6	A	8.7	A	9.2	A	9.2	A
Tariff Street/Terry Road & Chester Road	EB	1.3	A	1.3	A	1.2	A	1.2	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.8	A	9.8	A	10.1	B	10.1	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	10.2	B	10.2	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.1	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.9	A	2.0	A	3.4	A	3.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.2	A	1.2	A	1.2	A	1.2	A
Carrie Avenue & Sterling Place	EB	8.6	A	8.6	A	8.7	A	8.7	A
Lincoln Avenue & Hiddink Street	EB	10.1	B	10.3	B	10.7	B	10.7	B
	WB	9.7	A	9.9	A	10.2	B	10.2	B
	NB	10.4	B	10.6	B	11.0	B	11.0	B
	SB	11.2	B	11.5	B	11.9	B	11.9	B
Site Access & 11th Street	EB	0.0		7.0	A	0.0		7.0	A
	WB	0.0		7.1	A	5.2	A	7.8	A
	NB	0.0	A	7.0	A	10.1	B	7.6	A
Terry Road & Site Access	EB	0.0		0.0		1.1	A	1.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.9	B	10.9	B

Level of Service Table: Phase 6 School

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	83.5	F	83.1	F	83.1	F
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.8	B	21.2	C	21.2	C
	NBT	7.9	A	7.9	A	8.6	A	8.6	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
Intersection		51.2	D	64.5	E	63	E	63	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.4	C	21.4	C
	EBT	21	C	20.9	C	21	C	21	C
	EBR	0.4	A	0.4	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14	B	14.2	B	14.6	B	14.6	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	5.7	A	5.9	A	5.9	A	5.9	A
	SBT	5.7	A	5.8	A	5.8	A	5.8	A
Intersection		12.5	B	12.6	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.7	C	21.2	C	22.1	C	21.5	C
	WBT	70.8	E	97.8	F	108.4	F	94.7	F
	WBR	19.4	B	21	C	21.6	C	20.7	C
	NBL	46.5	D	47.3	D	53.8	D	50.3	D
	NBT	14.6	B	15.3	B	19.3	B	20.5	C
	NBR								
	SBL								
	SBT	35.5	D	35.8	D	37	D	31	C
	SBR	42.5	D	43.1	D	46.4	D	38.3	D
Intersection		41.6	D	51.8	D	55.7	E	50.2	D

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	29.7	C	31.8	C	42.6	D	30.5	C
	EBT	26	C	27.5	C	34.6	C	24.7	C
	EBR	5.5	A	6.1	A	7.5	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.6	C	34.6	C	34	C
	NBR	15.8	B	17.2	B	16.8	B	16.9	B
	SBL	39.4	D	40.8	D	40.2	D	38.4	D
	SBT	14.6	B	14.6	B	14.5	B	15.1	B
Intersection		24.7	C	25.8	C	29.5	C	25.3	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.5	C	24.5	C	24.5	C
	WBT	127.1	F	152	F	151.6	F	151.6	F
	WBR	31.1	C	32.3	C	32.3	C	32.3	C
	NBL	39.4	D	38.7	D	38.7	D	38.7	D
	NBT	17.1	B	16.6	B	16.6	B	16.6	B
	NBR								
	SBL								
	SBT	19	B	19.1	B	19.1	B	19.1	B
	SBR	21.6	C	21.9	C	21.9	C	21.9	C
Intersection		75	E	87.5	F	87.3	F	87.3	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35.8	D	35.8	D	35.8	D
	EBT	19.5	B	19.6	B	20	B	20	B
	EBR	19.7	B	19.8	B	19.8	B	19.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.4	B	19.4	B	19.4	B
	NBR	22.9	C	23.4	C	23.4	C	23.4	C
	SBL	36.9	D	37.2	D	37.2	D	37.2	D
	SBT	14.4	B	14.6	B	14.7	B	14.7	B
Intersection		24.5	C	25.1	C	25	C	25	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					35.5	D	38.8	D
	EBT					0.3	A	0.3	A
	EBR	31.2	C	31.2	C				
	WBL					22.1	C	23	C
	WBT	13.8	B	13.7	B	6.8	A	5.5	A
	WBR					5.6	A	5.1	A
	NBL	9.7	A	10.7	B	27.6	C	22.1	C
	NBT								
	NBR	2.5	A	2.6	A	6.7	A	6.7	A
	SBL	3.6	A	3.7	A	11.4	B	10.6	B
	SBT					1.6	A	1.1	A
Intersection		8.3	A	8.8	A	21.7	C	19.1	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.5	D	47	D	47.1	D	47.1	D
	EBT	39.8	D	39.9	D	42.2	D	42.2	D
	EBR								
	WBL								
	WBT	54.5	D	56.8	E	56.9	E	56.9	E
	WBR								
	NBL							16.7	B
	NBT	19.9	B	20.9	C	21.6	C	19.5	B
	NBR	3.5	A	3.9	A	4.2	A	3.5	A
	SBL								
	SBT	19	B	19.9	B	20.6	C	20.6	C
Intersection		29.5	C	30.5	C	31	C	30.3	C
Lakeland Avenue & Manton Street	EBL	23.5	C	24.1	C	24.1	C	24.1	C
	EBT								
	EBR								
	WBL								
	WBT	13.5	B	13.7	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	8	A	8.4	A	8.5	A	8.5	A
	NBR								
	SBL	7.9	A	8.3	A	8.9	A	8.9	A
	SBT								
Intersection		10.9	B	11.3	B	11.4	B	11.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.5	A	1.5	A	1.5	A
	EBT	1.1	A	1.1	A	1.1	A	1.1	A
	EBR								
	WBL								
	WBT	8.5	A	11.2	B	12.1	B	12.1	B
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	32.8	C	33	C	32.8	C	32.8	C
	SBT								
	SBR	20.7	C	23.9	C	25.4	C	25.4	C
Intersection		8.1	A	10.2	B	10.9	B	10.9	B
Montauk Highway & Cherry Avenue	EBL								
	EBT	3.3	A	3.3	A	3.4	A	3.4	A
	EBR								
	WBL								
	WBT	6.5	A	7.2	A	7.2	A	7.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	24.1	C	24.1	C	23.6	C	23.6	C
Intersection		6.7	A	7.2	A	7.2	A	7.2	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.7	A	5.7	A	5.7	A
	EBR								
	WBL								
	WBT	8	A	8.7	A	8.9	A	8.9	A
	WBR	3.2	A	3.2	A	3.5	A	3.5	A
	NBL	41.5	D	42.5	D	42.4	D	42.4	D
	NBT	28.7	C	28.5	C	28.5	C	28.5	C
	NBR								
	SBL								
	SBT	29.9	C	29.7	C	29.8	C	29.8	C
Intersection		12.5	B	13	B	13	B	13	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.2	B	16.7	B	17.4	B	17.4	B
	EBT	12.2	B	13.8	B	14.3	B	14.3	B
	EBR								
	WBL	12.1	B	12.5	B	12.4	B	12.4	B
	WBT	21	C	27	C	27	C	27.1	C
	WBR	4.5	A	5	A	4.9	A	4.9	A
	NBL								
	NBT	42.7	D	43.5	D	43.5	D	43.5	D
	NBR								
	SBL	28.1	C	26.9	C	27.6	C	27.6	C
	SBT	26.1	C	24.8	C	25.6	C	25.6	C
Intersection		21.5	C	24.4	C	24.7	C	24.7	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	20.8	C	20.7	C	20.7	C
	EBT	19.7	B	18.8	B	18.9	B	18.9	B
	EBR								
	WBL	2.7	A	3	A	3	A	3	A
	WBT	4.4	A	5.4	A	5.4	A	5.3	A
	WBR								
	NBL								
	NBT	28	C	28.1	C	28	C	28	C
	NBR								
	SBL								
	SBT	30.3	C	30.6	C	30.5	C	30.5	C
	SBR	0.7	A	0.8	A	0.8	A	0.8	A
Intersection		8.9	A	9.4	A	9.5	A	9.4	A
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.4	A	0.6	A	0.6	A	0.6	A
	EBT	1.3	A	1.3	A	1.3	A	1.3	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10	A	8.8	A	8.6	A	12.1	B
	WBT	27.8	C	28.3	C	28	C	33.8	C
	WBR								
	NBL								
	NBT	43.1	D	46	D	45.7	D	45.7	D
	NBR	3.2	A	3.7	A	3.7	A	3.7	A
	SBL								
	SBT	18.5	B	18.2	B	18.6	B	18.6	B
Intersection		20.5	C	21.1	C	20.8	C	23.9	C

NELSON & POPE
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Phase 6 Analysis
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	39.3	D	39.9	D	40.5	D	39.2	D
	EBR								
	WBL								
	WBT	25.7	C	24.8	C	24.8	C	25.5	C
	WBR								
	NBL	4.4	A	5.3	A	5.5	A	3.8	A
	NBT	4.5	A	5.1	A	5.5	A	3.5	A
	NBR								
	SBL	4.7	A	5	A	5	A	4.7	A
	SBT	10.2	B	11.5	B	11.8	B	9.1	A
Intersection		11.3	B	12.3	B	12.7	B	10.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.9	B	17.6	B	17.6	B	17.6	B
	EBR								
	WBL								
	WBT	16.6	B	18.6	B	18.5	B	18.5	B
	WBR								
	NBL								
	NBT	20.2	C	22.2	C	22.2	C	22.2	C
	NBR								
	SBL	7.5	A	9	A	9	A	9	A
	SBT	7.5	A	9	A	9	A	9	A
	SBR								
	NWL	7.5	A	9	A	9.1	A	9.1	A
Intersection		9.8	A	11.4	B	10.9	B	10.9	B
Cherry Avenue & Brook Street	EBL								
	EBT	14	B	14.6	B	14.6	B	14.6	B
	EBR								
	WBL								
	WBT	11.4	B	11.7	B	11.7	B	11.7	B
	WBR								
	NBL								
	NBT	13.7	B	14.2	B	14.2	B	14.2	B
	NBR								
	SBL								
	SBT	12.5	B	12.8	B	13.6	B	13.6	B
Intersection		13.2	B	13.6	B	13.8	B	13.8	B

NELSON & POPE
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Phase 6 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.8	B	18.8	B	18.8	B
	WBT	71.5	E	90.6	F	90.2	F	90.2	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.6	B	19.1	B	19.1	B
	NBT	4	A	4.2	A	3.8	A	3.8	A
	NBR								
	SBL								
	SBT	20.1	C	20.2	C	20.2	C	20.2	C
	SBR	1.8	A	2	A	2	A	2	A
Intersection		47.6	D	59.2	E	58.3	E	58.3	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20	C	20	B	20	B
	EBT	21.2	C	21.3	C	21.5	C	21.5	C
	EBR	0.8	A	0.8	A	2.8	A	2.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	18.2	B	18.2	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.7	A	2.8	A	2.8	A
	SBT	2.4	A	2.5	A	2.5	A	2.5	A
Intersection		12	B	12.1	B	12.3	B	12.3	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	30.2	C	34	C	34	C
	WBT	139.7	F	165.9	F	165.2	F	165.2	F
	WBR	9.6	A	11.6	B	15.2	B	15.2	B
	NBL	46	D	45.3	D	48	D	47.1	D
	NBT	15.5	B	15.6	B	16.8	B	18.9	B
	NBR								
	SBL								
	SBT	67.7	E	85.9	F	124.5	F	47	D
	SBR	89.3	F	107.5	F	145.4	F	44.6	D
Intersection		78	E	92.9	F	104	F	74.9	E

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Phase 6 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	28	C	28.8	C	31.9	C	25.5	C
	EBT	24.8	C	25.3	C	27.2	C	25.2	C
	EBR	6.2	A	8	A	18.2	B	19.3	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.9	C	32.6	C	31.8	C
	NBR	20.5	C	21.7	C	21.1	C	20.8	C
	SBL	44.5	D	44.4	D	41.4	D	45.1	D
	SBT	28.2	C	27.9	C	26.3	C	25.3	C
Intersection		26.8	C	27.3	C	28.3	C	27.3	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.8	C	23.8	C	23.8	C
	WBT	76.9	E	97.3	F	96.6	F	96.6	F
	WBR	22.8	C	23.3	C	23.3	C	23.3	C
	NBL	30.4	C	30.3	C	30.3	C	30.3	C
	NBT	12.8	B	12.8	B	12.8	B	12.8	B
	NBR								
	SBL								
	SBT	20.1	C	22.4	C	22.4	C	22.4	C
	SBR	80.1	F	143.1	F	143.1	F	143.1	F
Intersection		52.5	D	72.3	E	72	E	72	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.6	C	23.6	C	23.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22	C	22.4	C	22.4	C	22.4	C
	NBR	29.6	C	31.1	C	31	C	31	C
	SBL	41.2	D	40.2	D	40.2	D	40.2	D
	SBT	7.6	A	7.9	A	7.9	A	7.9	A
Intersection		23.6	C	23.7	C	23.7	C	23.7	C

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Phase 6 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					34.8	C	38.9	D
	EBR					0.3	A	0.3	A
	WBL	32.4	C	32.4	C				
	WBT					25.1	C	27.6	C
	WBR	14	B	13.9	B	2.4	A	1.7	A
	NBL					4.9	A	4.8	A
	NBT	8.9	A	9.4	A	19.2	B	14.4	B
	NBR								
	SBL	2.5	A	2.6	A	5.6	A	5.5	A
	SBT	5.5	A	5.9	A	20.5	C	16.6	B
	SBR					5.2	A	3.7	A
Intersection		7.4	A	7.9	A	18.6	B	15.4	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.9	D	46.6	D	47.3	D	46.2	D
	EBT	45	D	45.6	D	48.3	D	47.1	D
	EBR								
	WBL								
	WBT	103.1	F	126.8	F	137.8	F	126.8	F
	WBR								
	NBL							32.2	C
	NBT	23.8	C	27.9	C	93.7	F	20.4	C
	NBR	4	A	4.4	A	5.4	A	4.3	A
	SBL								
	SBT	25.2	C	26.7	C	27.1	C	28	C
Intersection		42.4	D	48.8	D	65.4	E	47.3	D
Lakeland Avenue & Manton Street	EBL								
	EBT	21.2	C	21.5	C	21.3	C	21.3	C
	EBR								
	WBL								
	WBT	15.7	B	15.7	B	15.8	B	15.8	B
	WBR								
	NBL								
	NBT	8.5	A	8.9	A	9.3	A	9.3	A
	NBR								
	SBL								
	SBT	12.2	B	13.5	B	14	B	14	B
Intersection		12	B	12.8	B	13.1	B	13.1	B

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Phase 6 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	3	A	3.2	A	3.2	A
	EBT	2.7	A	2.9	A	3	A	3	A
	EBR								
	WBL								
	WBT	6.9	A	7.6	A	8	A	8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.4	D	50.4	D
	SBT								
	SBR	15.3	B	20	C	21.8	C	21.8	C
Intersection		5.9	A	6.7	A	7.2	A	7.2	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	11.9	B	13.2	B	13.2	B
	EBR								
	WBL								
	WBT	7.2	A	8.1	A	8.2	A	8.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37	D	38.2	D	37.9	D	37.9	D
Intersection		11.3	B	12.4	B	13	B	13	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.9	B	12.2	B	12.2	B
	EBR								
	WBL								
	WBT	6.3	A	6.9	A	6.9	A	6.9	A
	WBR	2.4	A	2.1	A	2	A	2	A
	NBL	63.9	E	67.6	E	68.3	E	68.3	E
	NBT	33.2	C	32.9	C	32.9	C	32.9	C
	NBR								
	SBL								
	SBT	53.5	D	54.2	D	54	D	54	D
Intersection		17.2	B	18.3	B	18.4	B	18.4	B

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Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	12.2	B	11.5	B	11.9	B	11.9	B
	EBT	19.5	B	18.8	B	19	B	19	B
	EBR								
	WBL	16	B	17.8	B	18.3	B	18.3	B
	WBT	18.8	B	21.1	C	21.8	C	21.8	C
	WBR	6.8	A	7.1	A	7.3	A	7.3	A
	NBL								
	NBT	53.2	D	53	D	52.9	D	52.9	D
	NBR								
	SBL	54.9	D	65.1	E	65.4	E	65.4	E
	SBT	31.6	C	32.3	C	32.7	C	32.7	C
Intersection		27.4	C	29.1	C	29.4	C	29.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	24.2	C	23.8	C	23.8	C
	EBT	38.6	D	47.2	D	47.7	D	47.7	D
	EBR								
	WBL	2	A	2.1	A	2.1	A	2.1	A
	WBT	2.5	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	29.2	C	28.5	C	29	C	29	C
	NBR								
	SBL								
	SBT	41.4	D	40.9	D	40.8	D	40.8	D
	SBR	8.1	A	8.5	A	8.5	A	8.5	A
Intersection		20.6	C	24	C	24.1	C	24.1	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.5	A	0.4	A	0.4	A	0.4	A
	EBT	3.2	A	3.7	A	3.8	A	3.8	A
	EBR	0.1	A	0	A	0	A	0	A
	WBL	19.1	B	23.4	C	23.8	C	23.8	C
	WBT	16.4	B	17.5	B	17.6	B	17.6	B
	WBR								
	NBL								
	NBT	48.7	D	49.6	D	49.3	D	49.3	D
	NBR	8.2	A	8.2	A	8.2	A	8.2	A
	SBL								
	SBT	26.3	C	26.5	C	26.4	C	26.4	C
Intersection		14.2	B	15.2	B	15.3	B	15.3	B

NELSON & POPE
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Phase 6 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	55.5	E	55.5	E	55.5	E
	EBR								
	WBL								
	WBT	14.5	B	14.9	B	14.9	B	14.9	B
	WBR								
	NBL	13.4	B	13.5	B	13.8	B	13.8	B
	NBT	20.9	C	21.1	C	21.3	C	21.3	C
	NBR								
	SBL	7	A	6.5	A	6.5	A	6.5	A
	SBT	12.7	B	13.5	B	13.7	B	13.7	B
Intersection		21	C	21.7	C	21.9	C	21.9	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	17.4	B	19.3	B	17.4	B	17.4	B
	EBR								
	WBL								
	WBT	17.3	B	19.4	B	17.4	B	17.4	B
	WBR								
	NBL								
	NBT	17.5	B	19.5	B	17.5	B	17.5	B
	NBR								
	SBL	6.3	A	7.9	A	6.3	A	6.3	A
	SBT	6.2	A	7.8	A	6.3	A	6.3	A
	SBR								
	NWL	6.3	A	7.9	A	6.4	A	6.4	A
Intersection		8.9	A	10.6	B	8.6	A	8.6	A
Cherry Avenue & Brook Street	EBL								
	EBT	11.5	B	13	B	13.5	B	13.5	B
	EBR								
	WBL								
	WBT	12.5	B	14.1	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	9.5	A	9.8	A	9.7	A	9.7	A
	NBR								
	SBL								
	SBT	13.2	B	15.5	B	15.8	B	15.8	B
Intersection		12.1	B	13.6	B	14	B	14	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.1	B	18.2	B	18.2	B	18.2	B
	WBT	18.9	B	19	B	19	B	19	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	18.7	B	19.1	B	20.5	C	20.5	C
	NBT	3.3	A	3.5	A	3.2	A	3.2	A
	NBR								
	SBL								
	SBT	19.1	B	19.2	B	19.4	B	19.4	B
	SBR	0.3	A	0.3	A	0.4	A	0.4	A
Intersection		14.3	B	14.4	B	14.9	B	14.9	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.7	C	20.7	C	20.5	C	20.5	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	0.9	A	0.9	A	2.4	A	2.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.6	B	15.8	B	16.3	B	16.3	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2	A	2	A	2	A	2	A
	SBT	1.7	A	1.7	A	1.7	A	1.7	A
Intersection		12.6	B	12.6	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.4	C	28.6	C	31.8	C	30.7	C
	WBT	27.7	C	27.8	C	28	C	27.1	C
	WBR	5.2	A	6.8	A	10.4	B	10.1	B
	NBL	54	D	55.3	E	63.7	E	56.6	E
	NBT	14.2	B	14.6	B	15.2	B	17.7	B
	NBR								
	SBL								
	SBT	29.7	C	31.2	C	33.1	C	30.7	C
	SBR	34.3	C	36.6	D	40.2	D	30.3	C
Intersection		26.7	C	27.6	C	30.1	C	28.2	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	26.9	C	27.2	C	29	C	25.5	C
	EBT	24.8	C	24.9	C	26.1	C	25.1	C
	EBR	3.9	A	3.9	A	11.1	B	11.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	27.5	C	28.1	C	28.7	C	27.7	C
	NBR	13.5	B	15.8	B	18.4	B	17.6	B
	SBL	41.5	D	41.8	D	42.4	D	41.8	D
	SBT	23.1	C	24	C	22.2	C	19.3	B
Intersection		23.4	C	24.1	C	25.1	C	23.7	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	21.2	C	21.5	C	21.5	C	21.5	C
	WBT	21.7	C	22.1	C	22.1	C	22.1	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	34.5	C	34.5	C	34.5	C	34.5	C
	NBT	11.7	B	11.6	B	11.6	B	11.6	B
	NBR								
	SBL								
	SBT	19	B	19.2	B	19.2	B	19.2	B
	SBR	22.3	C	22.8	C	22.7	C	22.7	C
Intersection		20.7	C	20.9	C	20.9	C	20.9	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.3	C	23.4	C	23.4	C	23.4	C
	EBT	21	C	21	C	21	C	21	C
	EBR	23.1	C	23.2	C	23.2	C	23.2	C
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	18.2	B	18.5	B	18.5	B	18.5	B
	NBR	22.7	C	23.8	C	23.8	C	23.8	C
	SBL	35.9	D	36	D	36	D	36	D
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
Intersection		19.7	B	20	C	20	C	20	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					34.8	C	33.5	C
	EBR					0.9	A	0.5	A
	WBL	32.5	C	32.6	C				
	WBT					24.5	C	23.6	C
	WBR	13.6	B	13.6	B	4.8	A	3.4	A
	NBL					5.1	A	5.3	A
	NBT	9.3	A	9.8	A	18.9	B	15	B
	NBR								
	SBL	2.5	A	2.6	A	5.5	A	5.5	A
	SBT	5.4	A	5.7	A	19.3	B	15.3	B
	SBR					4.4	A	3.2	A
Intersection		7.8	A	8.2	A	18.1	B	14.8	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	44	D	44.8	D	46.3	D	45.3	D
	EBT	40.1	D	40.5	D	44.5	D	43.6	D
	EBR								
	WBL								
	WBT	48.1	D	49	D	50.3	D	49.2	D
	WBR								
	NBL							20	B
	NBT	20.8	C	22	C	28.6	C	20	C
	NBR	5	A	5.4	A	6.2	A	5.1	A
	SBL								
	SBT	22	C	23.4	C	24.8	C	25.1	C
Intersection		27.2	C	28.2	C	31.2	C	28.6	C
Lakeland Avenue & Manton Street	EBL								
	EBT	20.8	C	20.7	C	20.7	C	20.7	C
	EBR								
	WBL								
	WBT	14.4	B	14.4	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	8.2	A	8.7	A	9.4	A	9.4	A
	NBR								
	SBL								
	SBT	10.2	B	11.2	B	12.7	B	12.7	B
Intersection		10.3	B	11	B	12	B	12	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.4	A	1.5	A	1.5	A
	EBT	1.9	A	2	A	2	A	2	A
	EBR								
	WBL								
	WBT	5	A	5.2	A	5.5	A	5.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.5	D	50.7	D	50.7	D	50.7	D
	SBT								
	SBR	16	B	16	B	16	B	16	B
Intersection		5.1	A	5.3	A	5.4	A	5.4	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.8	A	7.2	A	7.7	A	7.7	A
	EBR								
	WBL								
	WBT	5.5	A	6.4	A	6.8	A	6.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	36.5	D	37.4	D	37	D	37	D
Intersection		8.9	A	9.6	A	10	A	10	A
Greene Avenue & Montauk Highway	EBL								
	EBT	7.3	A	7.7	A	7.9	A	7.9	A
	EBR								
	WBL								
	WBT	6	A	7.6	A	8.7	A	8.6	A
	WBR	2.8	A	3	A	3.3	A	3.2	A
	NBL	49.2	D	49.5	D	49.7	D	49.7	D
	NBT	34.2	C	33.6	C	33.6	C	33.6	C
	NBR								
	SBL								
	SBT	52.6	D	52.3	D	52.3	D	52.3	D
Intersection		15.4	B	16.1	B	16.4	B	16.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	14.5	B	14.4	B	15	B	15.6	B
	EBT	18.1	B	18.2	B	17.8	B	18.4	B
	EBR								
	WBL	15.5	B	15.7	B	16.3	B	17.1	B
	WBT	19.2	B	20	B	21.2	C	22.3	C
	WBR	5.4	A	5.7	A	6.2	A	6.3	A
	NBL								
	NBT	50.6	D	51.2	D	51.3	D	51.3	D
	NBR								
	SBL	78.5	E	103.4	F	110.1	F	97.5	F
	SBT	29.6	C	30.6	C	32.2	C	31.3	C
Intersection		30.6	C	34.9	C	36.2	D	34.6	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	24.3	C	25.7	C	25.8	C	25.8	C
	EBT	32.5	C	34.3	C	34.6	C	34.5	C
	EBR								
	WBL	2	A	2.4	A	2.5	A	2.2	A
	WBT	3.3	A	3.8	A	3.8	A	3.6	A
	WBR								
	NBL								
	NBT	24.5	C	24.3	C	24.3	C	24.3	C
	NBR								
	SBL								
	SBT	41.4	D	41.7	D	41.7	D	41.7	D
	SBR	2.6	A	3.1	A	3	A	3	A
Intersection		16	B	16.9	B	17.1	B	17	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1	A	1	A	1	A	1	A
	EBT	2.5	A	2.7	A	2.7	A	2.7	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	18.8	B	21.4	C	22.5	C	22	C
	WBT	20.8	C	22.4	C	23.3	C	23.2	C
	WBR								
	NBL								
	NBT	43.2	D	43.8	D	43.4	D	43.4	D
	NBR	7.1	A	7.1	A	7.1	A	7.1	A
	SBL								
	SBT	22.1	C	22.3	C	21.9	C	21.9	C
Intersection		15.6	B	16.4	B	16.7	B	16.6	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	53.2	D	53.9	D	55	E	51.5	D
	EBR								
	WBL								
	WBT	26.6	C	26.6	C	26.1	C	26.4	C
	WBR								
	NBL	11.4	B	11.7	B	12.1	B	11.1	B
	NBT	17.9	B	18.5	B	19.1	B	16.5	B
	NBR								
	SBL	6.2	A	6.2	A	6.5	A	6.2	A
	SBT	13.5	B	15.1	B	16.1	B	12.4	B
Intersection		19.1	B	20.2	C	21.1	C	18	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	14.5	B	14.3	B	14.4	B	14.4	B
	EBR								
	WBL								
	WBT	14.5	B	14.4	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	19.1	B	18.9	B	19.1	B	19.1	B
	NBR								
	SBL	6	A	6.1	A	6	A	6	A
	SBT	6.2	A	6.2	A	6.1	A	6.1	A
	SBR								
	NWL	6.1	A	6.1	A	6.1	A	6.1	A
Intersection		7.5	A	7.6	A	7.2	A	7.2	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.5	B	10.6	B	12	B	12	B
	EBR								
	WBL								
	WBT	10.2	B	10.3	B	11	B	11	B
	WBR								
	NBL								
	NBT	9.3	A	9.3	A	9.6	A	9.6	A
	NBR								
	SBL								
	SBT	10.7	B	10.8	B	12.4	B	12.4	B
Intersection		10.3	B	10.4	B	11.5	B	11.5	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.6	C	24.8	C	41.5	E	40.9	E
	NB	9.1	A	9.2	A	9.6	A	9.6	A
Lakeland Avenue & Chester Road	EB	37.0	E	44.3	E	53.9	F	53.5	F
	NB	0.1	A	0.2	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	16.7	C	17.2	C	17.2	C
	WB	18.3	C	19.7	C	21.0	C	21.0	C
	NB	0.8	A	0.8	A	0.8	A	0.8	A
	SB	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue & Depot Street	EB	13.9	B	14.5	B	15.8	C	15.8	C
	NB	8.5	A	8.6	A	8.8	A	2.6	A
Railroad Avenue & Hiddink Street	WB	12.4	B	12.7	B	13.0	B	13.0	B
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	3.1	A	3.3	A	3.3	A
Railroad Avenue & Center Street	EB	12.7	B	13.1	B	13.3	B	13.3	B
	NB	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.1	A	2.3	A	2.4	A	2.4	A
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.6	B	10.7	B	10.7	B	10.7	B
	SB	20.3	C	22.4	C	23.0	C	23.0	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.9	A	9.9	A
Bohemia Pkwy. & Terry Road	EB	0.3	A	0.3	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.3	B	11.5	B	12.5	B	12.5	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.5	B	10.6	B	11.1	B	11.1	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.3	A	8.3	A
	WB	8.2	A	8.3	A	8.4	A	8.4	A
	SB	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.7	A	9.9	A	9.9	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.3	A	8.7	A	8.7	A
	WB	10.6	B	10.9	B	11.3	B	11.3	B
	NB	9.5	A	9.7	A	10.1	B	10.1	B
Tariff Street/Terry Road & Chester Road	EB	2.1	A	2.1	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.2	B	10.3	B	10.3	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	8.9	A	9.0	A	9.4	A	9.4	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.1	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	2.4	A	2.4	A	4.6	A	4.6	A
Carrie Avenue & Marion Street	WB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.0	A	1.0	A	1.0	A	1.0	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB	8.4	A	8.6	A	8.6	A	8.6	A
	WB	8.6	A	8.8	A	8.8	A	8.8	A
	NB	8.7	A	8.8	A	8.8	A	8.8	A
	SB	8.9	A	9.1	A	9.1	A	9.1	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.6	A	4.6	A
	NB	0.0	A	0.0	A	9.5	A	9.5	A
Terry Road & Site Access	EB	0.0		0.0		1.0	A	1.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.8	B	10.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.5	C	24.6	C	31.8	D	31.4	D
	NB	10.3	B	10.6	B	12.0	B	11.9	B
Lakeland Avenue & Chester Road	EB	83.0	F	126.6	F	305.6	F	255.5	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	23.1	C	26.0	D	29.0	D	29.0	D
	WB	24.6	C	29.4	D	34.6	D	34.6	D
	NB	0.2	A	0.2	A	0.2	A	0.2	A
	SB	0.5	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	25.6	D	29.4	D	38.1	E	38.1	E
	NB	3.8	A	4.1	A	4.2	A	4.2	A
Railroad Avenue & Hiddink Street	WB	26.3	D	31.5	D	34.7	D	34.7	D
	NB	0.0		0.0		0.0		0.0	
	SB	4.2	A	4.4	A	4.6	A	4.6	A
Railroad Avenue & Center Street	EB	28.9	D	33.3	D	34.2	D	34.2	D
	NB	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.3	A	2.7	A	2.7	A	2.7	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	62.1	F	99.4	F	90.8	F	90.8	F
	SB	19.2	C	21.0	C	21.3	C	21.3	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.2	A	9.2	A	9.4	A	9.4	A
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.1	A	0.0	A	0.0	A	0.0	A
	NB	11.8	B	12.0	B	13.1	B	13.1	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	11.2	B	11.4	B	11.8	B	11.8	B
Terry Road & Sterling Place	EB	8.8	A	8.9	A	9.2	A	9.2	A
	WB	8.2	A	8.3	A	8.6	A	8.6	A
	SB	7.4	A	7.4	A	7.6	A	7.6	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	10.0	A	10.3	B	10.3	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.8	A	10.1	B	10.7	B	10.7	B
	WB	12.3	B	12.9	B	14.1	B	14.1	B
	NB	11.1	B	11.6	B	12.5	B	12.5	B
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.8	A	1.8	A
	WB	0.0		0.0		0.0		0.0	
	SB	11.2	B	11.5	B	11.8	B	11.8	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	10.0	A	10.1	B	10.6	B	10.6	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.2	A	9.4	A	9.4	A
	NB	0.0		0.0		0.0		0.0	
	SB	2.4	A	2.3	A	4.4	A	4.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB	12.0	B	12.7	B	12.9	B	12.9	B
	WB	10.1	B	10.4	B	10.5	B	10.5	B
	NB	11.3	B	11.8	B	12.0	B	12.0	B
	SB	12.9	B	13.8	B	13.9	B	13.9	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.2	A	5.2	A
	NB	0.0	A	0.0	A	11.2	B	11.2	B
Terry Road & Site Access	EB	0.0		0.0		1.6	A	1.6	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.7	B	10.7	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	23.7	C	26.1	D	35.5	E	35.4	E
	NB	9.6	A	9.9	A	10.5	B	10.5	B
Lakeland Avenue & Chester Road	EB	63.3	F	88.9	F	197.7	F	178.8	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	18.1	C	19.3	C	22.4	C	22.4	C
	WB	27.1	D	32.2	D	45.4	E	45.4	E
	NB	0.3	A	0.3	A	0.3	A	0.3	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	28.3	D	33.7	D	48.8	E	48.8	E
	NB	3.6	A	3.8	A	4.0	A	4.0	A
Railroad Avenue & Hiddink Street	WB	30.8	D	38.9	E	55.3	F	55.3	F
	NB	0.0		0.0		0.0		0.0	
	SB	3.4	A	3.6	A	4.0	A	4.0	A
Railroad Avenue & Center Street	EB	23.0	C	25.7	D	28.0	D	28.0	D
	NB	1.6	A	1.6	A	1.6	A	1.6	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.7	A	1.9	A	2.0	A	2.0	A
	WB	0.3	A	0.4	A	0.4	A	0.4	A
	NB	52.5	F	73.2	F	78.8	F	78.8	F
	SB	16.8	C	17.9	C	18.5	C	18.5	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.9	B	11.1	B	11.7	B	11.7	B
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0.0	
	NB	12.1	B	12.3	B	13.3	B	13.3	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.6	B	10.8	B	11.5	B	11.5	B
Terry Road & Sterling Place	EB	8.6	A	8.7	A	9.3	A	9.3	A
	WB	8.3	A	8.4	A	8.9	A	8.9	A
	SB	7.3	A	7.4	A	7.6	A	7.6	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.8	B	10.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		Saturday School Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Mvt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.7	A	10.0	A	11.3	B	11.3	B
	WB	10.3	B	10.7	B	11.9	B	11.9	B
	NB	11.0	B	11.5	B	13.1	B	13.1	B
Tariff Street/Terry Road & Chester Road	EB	1.8	A	1.8	A	1.6	A	1.6	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.3	B	10.4	B	10.8	B	10.8	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	10.3	B	10.3	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.3	A	9.3	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.7	A	0.7	A	2.9	A	2.9	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.9	A	0.9	A	0.9	A	0.9	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	5.0	A	5.1	A	5.0	A	5.0	A
Lincoln Avenue & Hiddink Street	EB	9.9	A	10.2	B	10.5	B	10.5	B
	WB	9.4	A	9.7	A	9.9	A	9.9	A
	NB	10.6	B	11.0	B	11.3	B	11.3	B
	SB	10.4	B	10.7	B	10.9	B	10.9	B
Site Access & 11th Street	EB	7.0	A	0.0		0.0		0.0	
	WB	7.1	A	0.0		5.2	A	5.2	A
	NB	7.0	A	0.0	A	10.3	B	10.3	B
Terry Road & Site Access	EB	0.0		0.0		1.3	A	1.3	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	13.3	B	13.3	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	83.5	F	83.1	F	83.1	F
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.8	B	21.2	C	21.2	C
	NBT	7.9	A	7.9	A	8.6	A	8.6	A
	NBR								
	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
Intersection		51.2	D	64.5	E	63.0	E	63.0	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.4	C	21.4	C
	EBT	21.0	C	20.9	C	21.0	C	21.0	C
	EBR	0.4	A	0.4	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14.0	B	14.2	B	14.6	B	14.6	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	5.7	A	5.9	A	5.9	A	5.9	A
	SBT	5.7	A	5.8	A	5.8	A	5.8	A
Intersection		12.5	B	12.6	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.7	C	21.4	C	22.4	C	21.8	C
	WBT	70.8	E	101.5	F	113.6	F	101.0	F
	WBR	19.4	B	21.2	C	21.9	C	21.1	C
	NBL	46.5	D	47.3	D	53.8	D	50.2	D
	NBT	14.6	B	15.3	B	19.0	B	20.1	C
	NBR								
	SBL								
	SBT	35.5	D	35.8	D	37.1	D	30.6	C
	SBR	42.5	D	43.5	D	45.6	D	38.1	D
Intersection		41.6	D	52.9	D	57.2	E	52.0	D

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	29.7	C	32.6	C	42.3	D	30.8	C
	EBT	26.0	C	27.8	C	35.3	D	24.6	C
	EBR	5.5	A	6.2	A	7.8	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.6	C	35.0	C	34.4	C
	NBR	15.8	B	17.1	B	16.8	B	16.9	B
	SBL	39.4	D	40.6	D	40.5	D	38.9	D
	SBT	14.6	B	14.5	B	14.4	B	15.2	B
Intersection		24.7	C	26.0	C	29.8	C	25.5	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.7	C	24.7	C	24.7	C
	WBT	127.1	F	152.0	F	151.6	F	151.6	F
	WBR	31.1	C	32.3	C	32.3	C	32.3	C
	NBL	39.4	D	39.0	D	38.3	D	38.3	D
	NBT	17.1	B	16.5	B	16.1	B	16.1	B
	NBR								
	SBL								
	SBT	19.0	B	19.1	B	19.1	B	19.1	B
	SBR	21.6	C	21.9	C	21.9	C	21.9	C
Intersection		75.0	E	87.0	F	86.7	F	86.7	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35.8	D	36.0	D	36.0	D
	EBT	19.5	B	19.6	B	20.1	C	20.1	C
	EBR	19.7	B	19.8	B	19.8	B	19.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.5	B	19.4	B	19.4	B
	NBR	22.9	C	23.4	C	23.9	C	23.9	C
	SBL	36.9	D	37.4	D	37.7	D	37.7	D
	SBT	14.4	B	14.6	B	14.9	B	14.9	B
Intersection		24.5	C	24.9	C	25.0	C	25.0	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					35.5	D	38.8	D
	EBT					0.3	A	0.3	A
	EBR	31.2	C	31.2	C				
	WBL					22.1	C	23.0	C
	WBT	13.8	B	13.7	B	6.8	A	5.5	A
	WBR					5.6	A	5.4	A
	NBL	9.7	A	10.8	B	28.2	C	22.6	C
	NBT								
	NBR	2.5	A	2.6	A	6.8	A	6.7	A
	SBL	3.6	A	3.7	A	11.4	B	10.7	B
	SBT					1.6	A	1.1	A
Intersection		8.3	A	8.9	A	22.0	C	19.3	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.5	D	47.2	D	47.2	D	47.1	D
	EBT	39.8	D	40.0	D	42.3	D	42.2	D
	EBR								
	WBL								
	WBT	54.5	D	57.8	E	57.9	E	56.9	E
	WBR								
	NBL							16.7	B
	NBT	19.9	B	21.2	C	22.0	C	19.6	B
	NBR	3.5	A	4.0	A	4.3	A	3.5	A
	SBL								
	SBT	19.0	B	20.1	C	20.8	C	20.7	C
Intersection		29.5	C	30.7	C	31.2	C	30.3	C
Lakeland Avenue & Manton Street	EBL	23.5	C	24.1	C	24.1	C	24.1	C
	EBT								
	EBR								
	WBL								
	WBT	13.5	B	13.7	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	8.0	A	8.7	A	8.8	A	8.8	A
	NBR								
	SBL	7.9	A	8.5	A	9.1	A	9.1	A
	SBT								
Intersection		10.9	B	11.4	B	11.5	B	11.5	B

NELSON & POPE
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Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.5	A	1.6	A	1.6	A
	EBT	1.1	A	1.2	A	1.2	A	1.2	A
	EBR								
	WBL								
	WBT	8.5	A	11.9	B	12.9	B	12.9	B
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	32.8	C	33.0	C	32.8	C	32.8	C
	SBT								
	SBR	20.7	C	24.8	C	26.1	C	26.1	C
Intersection		8.1	A	10.5	B	11.3	B	11.3	B
Montauk Highway & Cherry Avenue	EBL								
	EBT	3.3	A	3.5	A	3.5	A	3.5	A
	EBR								
	WBL								
	WBT	6.5	A	7.6	A	7.2	A	7.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	24.1	C	24.1	C	23.6	C	23.6	C
Intersection		6.7	A	7.4	A	7.1	A	7.1	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.9	A	6.0	A	6.0	A
	EBR								
	WBL								
	WBT	8.0	A	9.0	A	9.1	A	9.1	A
	WBR	3.2	A	3.3	A	3.3	A	3.3	A
	NBL	41.5	D	42.5	D	42.4	D	42.4	D
	NBT	28.7	C	28.5	C	28.5	C	28.5	C
	NBR								
	SBL								
	SBT	29.9	C	29.7	C	29.8	C	29.8	C
Intersection		12.5	B	13.0	B	13.0	B	13.0	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.2	B	19.4	B	20.1	C	20.1	C
	EBT	12.2	B	14.9	B	15.2	B	15.2	B
	EBR								
	WBL	12.1	B	12.6	B	12.5	B	12.5	B
	WBT	21.0	C	28.9	C	29.0	C	29.0	C
	WBR	4.5	A	5.1	A	5.1	A	5.0	A
	NBL								
	NBT	42.7	D	43.5	D	43.5	D	43.5	D
	NBR								
	SBL	28.1	C	26.7	C	27.7	C	27.7	C
	SBT	26.1	C	25.5	C	25.6	C	25.6	C
Intersection		21.5	C	25.4	C	25.6	C	25.7	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	21.3	C	21.2	C	21.2	C
	EBT	19.7	B	19.3	B	19.2	B	19.2	B
	EBR								
	WBL	2.7	A	3.0	A	3.0	A	3.0	A
	WBT	4.4	A	5.7	A	5.7	A	5.6	A
	WBR								
	NBL								
	NBT	28.0	C	28.1	C	28.0	C	28.0	C
	NBR								
	SBL								
	SBT	30.3	C	30.6	C	30.5	C	30.5	C
	SBR	0.7	A	0.8	A	0.8	A	0.8	A
Intersection		8.9	A	9.8	A	9.8	A	9.8	A
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.4	A	0.6	A	0.6	A	0.6	A
	EBT	1.3	A	1.3	A	1.3	A	1.3	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10.0	A	8.5	A	8.2	A	11.7	B
	WBT	27.8	C	28.8	C	28.5	C	34.4	C
	WBR								
	NBL								
	NBT	43.1	D	46.1	D	45.9	D	45.9	D
	NBR	3.2	A	3.7	A	3.7	A	3.7	A
	SBL								
	SBT	18.5	B	18.2	B	18.6	B	18.6	B
Intersection		20.5	C	21.2	C	20.9	C	24.1	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	39.3	D	39.9	D	40.5	D	39.2	D
	EBR								
	WBL								
	WBT	25.7	C	24.8	C	24.8	C	25.5	C
	WBR								
	NBL	4.4	A	5.3	A	5.6	A	3.9	A
	NBT	4.5	A	5.4	A	5.8	A	3.7	A
	NBR								
	SBL	4.7	A	5.0	A	5.0	A	4.7	A
	SBT	10.2	B	11.8	B	12.2	B	9.3	A
Intersection		11.3	B	12.5	B	12.9	B	10.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.9	B	17.6	B	17.6	B	17.6	B
	EBR								
	WBL								
	WBT	16.6	B	18.6	B	18.5	B	18.5	B
	WBR								
	NBL								
	NBT	20.2	C	22.2	C	22.2	C	22.2	C
	NBR								
	SBL	7.5	A	9.0	A	9.0	A	9.0	A
	SBT	7.5	A	9.0	A	9.0	A	9.0	A
	SBR								
	NWL	7.5	A	9.0	A	9.1	A	9.1	A
Intersection		9.8	A	11.4	B	10.9	B	10.9	B
Cherry Avenue & Brook Street	EBL								
	EBT	14.0	B	14.6	B	14.6	B	14.6	B
	EBR								
	WBL								
	WBT	11.4	B	11.7	B	11.7	B	11.7	B
	WBR								
	NBL								
	NBT	13.7	B	14.2	B	14.2	B	14.2	B
	NBR								
	SBL								
	SBT	12.5	B	12.8	B	13.6	B	13.6	B
Intersection		13.2	B	13.6	B	13.8	B	13.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.8	B	18.8	B	18.8	B
	WBT	71.5	E	90.6	F	90.2	F	90.2	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.6	B	19.1	B	19.1	B
	NBT	4.0	A	4.2	A	3.8	A	3.8	A
	NBR								
	SBL								
	SBT	20.1	C	20.2	C	20.2	C	20.2	C
	SBR	1.8	A	2.0	A	2.0	A	2.0	A
Intersection		47.6	D	59.2	E	58.3	E	58.3	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20.0	C	20.0	B	20.0	B
	EBT	21.2	C	21.3	C	21.5	C	21.5	C
	EBR	0.8	A	0.8	A	2.8	A	2.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	18.2	B	18.2	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.7	A	2.8	A	2.8	A
	SBT	2.4	A	2.5	A	2.5	A	2.5	A
Intersection		12.0	B	12.1	B	12.3	B	12.3	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	30.2	C	34.0	C	32.2	C
	WBT	139.7	F	165.9	F	165.2	F	146.7	F
	WBR	9.6	A	12.6	B	16.2	B	15.5	B
	NBL	46.0	D	44.8	D	47.4	D	46.5	D
	NBT	15.5	B	15.8	B	17.2	B	21.2	C
	NBR								
	SBL								
	SBT	67.7	E	91.3	F	143.0	F	62.8	E
	SBR	89.3	F	112.8	F	159.8	F	54.1	D
Intersection		78.0	E	94.4	F	109.9	F	73.6	E

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	28.0	C	29.5	C	32.1	C	25.2	C
	EBT	24.8	C	25.6	C	27.7	C	24.5	C
	EBR	6.2	A	8.4	A	18.2	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.9	C	32.8	C	33.0	C
	NBR	20.5	C	21.6	C	21.0	C	21.4	C
	SBL	44.5	D	44.1	D	41.7	D	45.0	D
	SBT	28.2	C	27.5	C	26.2	C	26.1	C
Intersection		26.8	C	27.4	C	28.4	C	27.5	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	24.7	C	24.7	C	24.7	C
	WBT	76.9	E	97.3	F	96.6	F	96.6	F
	WBR	22.8	C	23.3	C	23.3	C	23.3	C
	NBL	30.4	C	30.6	C	30.7	C	30.7	C
	NBT	12.8	B	12.5	B	12.5	B	12.5	B
	NBR								
	SBL								
	SBT	20.1	C	22.6	C	22.6	C	22.6	C
	SBR	80.1	F	143.1	F	143.1	F	143.1	F
Intersection		52.5	D	71.7	E	71.5	E	71.5	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.6	C	23.6	C	23.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.0	C	22.4	C	22.3	C	22.3	C
	NBR	29.6	C	31.9	C	31.8	C	31.8	C
	SBL	41.2	D	39.6	D	39.6	D	39.6	D
	SBT	7.6	A	8.1	A	8.1	A	8.1	A
Intersection		23.6	C	23.5	C	23.5	C	23.5	C

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		PM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					34.8	C	38.9	D
	EBR					0.3	A	0.3	A
	WBL	32.4	C	32.4	C				
	WBT					25.1	C	27.6	C
	WBR	14.0	B	13.9	B	2.4	A	1.7	A
	NBL					4.9	A	4.9	A
	NBT	8.9	A	9.5	A	19.5	B	14.7	B
	NBR								
	SBL	2.5	A	2.6	A	5.6	A	5.6	A
	SBT	5.5	A	6.0	A	20.9	C	18.5	B
	SBR					5.2	A	4.3	A
Intersection		7.4	A	8.0	A	18.9	B	16.4	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.9	D	47.1	D	47.3	D	46.3	D
	EBT	45.0	D	46.0	D	48.3	D	47.3	D
	EBR								
	WBL								
	WBT	103.1	F	149.5	F	158.8	F	136.1	F
	WBR								
	NBL							31.0	C
	NBT	23.8	C	28.9	C	69.2	E	21.0	C
	NBR	4.0	A	4.6	A	5.4	A	4.7	A
	SBL								
	SBT	25.2	C	26.9	C	27.6	C	29.3	C
Intersection		42.4	D	54.4	D	64.8	E	50.2	D
Lakeland Avenue & Manton Street	EBL								
	EBT	21.2	C	21.5	C	21.5	C	21.5	C
	EBR								
	WBL								
	WBT	15.7	B	15.7	B	15.8	B	15.8	B
	WBR								
	NBL								
	NBT	8.5	A	9.2	A	9.8	A	9.8	A
	NBR								
	SBL								
	SBT	12.2	B	14.4	B	15.3	B	15.3	B
Intersection		12.0	B	13.3	B	13.9	B	13.9	B

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		PM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	3.3	A	3.5	A	3.5	A
	EBT	2.7	A	3.1	A	3.2	A	3.2	A
	EBR								
	WBL								
	WBT	6.9	A	8.8	A	9.6	A	9.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.4	D	50.4	D
	SBT								
	SBR	15.3	B	22.9	C	24.4	C	24.4	C
Intersection		5.9	A	7.5	A	8.1	A	8.1	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	13.6	B	16.0	B	16.0	B
	EBR								
	WBL								
	WBT	7.2	A	8.6	A	9.0	A	9.0	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37.0	D	38.2	D	37.9	D	37.9	D
Intersection		11.3	B	13.3	B	14.6	B	14.6	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.4	B	11.7	B	11.7	B
	EBR								
	WBL								
	WBT	6.3	A	7.9	A	7.7	A	7.7	A
	WBR	2.4	A	2.1	A	1.9	A	1.9	A
	NBL	63.9	E	67.6	E	68.3	E	68.3	E
	NBT	33.2	C	32.9	C	32.9	C	32.9	C
	NBR								
	SBL								
	SBT	53.5	D	54.2	D	54.0	D	54.0	D
Intersection		17.2	B	18.1	B	18.1	B	18.1	B

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		PM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	12.2	B	11.2	B	11.4	B	11.4	B
	EBT	19.5	B	17.9	B	17.7	B	17.7	B
	EBR								
	WBL	16.0	B	18.5	B	19.0	B	19.0	B
	WBT	18.8	B	22.4	C	23.2	C	23.2	C
	WBR	6.8	A	7.2	A	7.6	A	7.6	A
	NBL								
	NBT	53.2	D	52.9	D	53.1	D	53.1	D
	NBR								
	SBL	54.9	D	71.8	E	71.9	E	71.9	E
	SBT	31.6	C	35.0	D	35.8	D	35.8	D
Intersection		27.4	C	30.2	C	30.4	C	30.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.6	C	23.5	C	23.5	C
	EBT	38.6	D	51.8	D	53.0	D	53.0	D
	EBR								
	WBL	2.0	A	2.1	A	2.2	A	2.2	A
	WBT	2.5	A	2.8	A	3.0	A	3.0	A
	WBR								
	NBL								
	NBT	29.2	C	28.4	C	28.9	C	28.9	C
	NBR								
	SBL								
	SBT	41.4	D	40.8	D	40.6	D	40.6	D
	SBR	8.1	A	8.5	A	8.4	A	8.4	A
Intersection		20.6	C	25.7	C	26.1	C	26.1	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.5	A	0.4	A	0.4	A	0.4	A
	EBT	3.2	A	4.0	A	4.1	A	4.1	A
	EBR	0.1	A	0.0	A	0.0	A	0.0	A
	WBL	19.1	B	26.3	C	27.2	C	27.2	C
	WBT	16.4	B	18.3	B	18.4	B	18.4	B
	WBR								
	NBL								
	NBT	48.7	D	48.2	D	48.0	D	48.0	D
	NBR	8.2	A	8.1	A	8.1	A	8.1	A
	SBL								
	SBT	26.3	C	26.3	C	26.2	C	26.2	C
Intersection		14.2	B	15.6	B	15.7	B	15.7	B

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Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	55.5	E	55.5	E	55.5	E
	EBR								
	WBL								
	WBT	14.5	B	14.9	B	14.9	B	14.9	B
	WBR								
	NBL	13.4	B	13.8	B	14.0	B	14.0	B
	NBT	20.9	C	21.4	C	21.5	C	21.5	C
	NBR								
	SBL	7.0	A	6.5	A	6.5	A	6.5	A
	SBT	12.7	B	13.9	B	14.2	B	14.2	B
Intersection		21.0	C	21.9	C	22.1	C	22.1	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	17.4	B	19.3	B	17.4	B	17.4	B
	EBR								
	WBL								
	WBT	17.3	B	19.4	B	17.4	B	17.4	B
	WBR								
	NBL								
	NBT	17.5	B	19.5	B	17.5	B	17.5	B
	NBR								
	SBL	6.3	A	7.9	A	6.3	A	6.3	A
	SBT	6.2	A	7.8	A	6.3	A	6.3	A
	SBR								
	NWL	6.3	A	7.9	A	6.4	A	6.4	A
Intersection		8.9	A	10.6	B	8.6	A	8.6	A
Cherry Avenue & Brook Street	EBL								
	EBT	11.5	B	13.0	B	13.5	B	13.5	B
	EBR								
	WBL								
	WBT	12.5	B	14.1	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	9.5	A	9.8	A	9.7	A	9.7	A
	NBR								
	SBL								
	SBT	13.2	B	15.5	B	15.8	B	15.8	B
Intersection		12.1	B	13.6	B	14.0	B	14.0	B

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		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.1	B	18.2	B	18.2	B	18.2	B
	WBT	18.9	B	19.0	B	19.0	B	19.0	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	18.7	B	19.1	B	20.5	C	20.5	C
	NBT	3.3	A	3.5	A	3.2	A	3.2	A
	NBR								
	SBL								
	SBT	19.1	B	19.2	B	19.4	B	19.4	B
	SBR	0.3	A	0.3	A	0.4	A	0.4	A
Intersection		14.3	B	14.4	B	14.9	B	14.9	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.7	C	20.7	C	20.5	C	20.5	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	0.9	A	0.9	A	2.4	A	2.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.6	B	15.8	B	16.3	B	16.3	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.0	A	2.0	A	2.0	A	2.0	A
	SBT	1.7	A	1.7	A	1.7	A	1.7	A
Intersection		12.6	B	12.6	B	12.7	B	12.7	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.4	C	28.7	C	31.9	C	30.8	C
	WBT	27.7	C	27.9	C	28.1	C	27.2	C
	WBR	5.2	A	7.7	A	11.3	B	11.0	B
	NBL	54.0	D	55.0	E	63.1	E	56.0	E
	NBT	14.2	B	14.9	B	15.6	B	18.1	B
	NBR								
	SBL								
	SBT	29.7	C	31.6	C	33.6	C	30.8	C
	SBR	34.3	C	37.2	D	41.0	D	30.6	C
Intersection		26.7	C	27.8	C	30.3	C	28.3	C

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		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	26.9	C	27.4	C	29.3	C	25.5	C
	EBT	24.8	C	25.0	C	26.2	C	24.8	C
	EBR	3.9	A	4.0	A	11.3	B	11.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	27.5	C	28.3	C	29.0	C	28.1	C
	NBR	13.5	B	15.9	B	18.5	B	17.8	B
	SBL	41.5	D	41.7	D	42.3	D	42.1	D
	SBT	23.1	C	24.3	C	22.4	C	19.5	B
Intersection		23.4	C	24.2	C	25.3	C	23.8	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	21.2	C	22.1	C	22.1	C	22.1	C
	WBT	21.7	C	22.1	C	22.1	C	22.1	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	34.5	C	35.1	D	35.1	D	35.1	D
	NBT	11.7	B	11.3	B	11.3	B	11.3	B
	NBR								
	SBL								
	SBT	19.0	B	19.3	B	19.3	B	19.3	B
	SBR	22.3	C	22.8	C	22.7	C	22.7	C
Intersection		20.7	C	21.0	C	20.9	C	20.9	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.3	C	23.4	C	23.4	C	23.4	C
	EBT	21.0	C	21.0	C	21.0	C	21.0	C
	EBR	23.1	C	23.2	C	23.2	C	23.2	C
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	18.2	B	18.5	B	18.5	B	18.5	B
	NBR	22.7	C	24.7	C	24.7	C	24.7	C
	SBL	35.9	D	35.5	D	35.5	D	35.5	D
	SBT	7.7	A	7.8	A	7.8	A	7.8	A
Intersection		19.7	B	19.9	B	19.9	B	19.9	B

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		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					34.8	C	35.1	D
	EBR					0.9	A	0.6	A
	WBL	32.5	C	32.6	C				
	WBT					24.5	C	24.7	C
	WBR	13.6	B	13.6	B	4.8	A	3.4	A
	NBL					5.2	A	5.2	A
	NBT	9.3	A	9.9	A	19.3	B	14.7	B
	NBR								
	SBL	2.5	A	2.6	A	5.5	A	5.5	A
	SBT	5.4	A	5.8	A	19.7	B	16.6	B
	SBR					4.4	A	3.5	A
Intersection		7.8	A	8.3	A	18.4	B	15.4	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	44.0	D	45.2	D	46.7	D	45.9	D
	EBT	40.1	D	40.9	D	44.9	D	44.2	D
	EBR								
	WBL								
	WBT	48.1	D	50.8	D	51.5	D	50.6	D
	WBR								
	NBL							20.6	C
	NBT	20.8	C	23.0	C	30.3	C	20.6	C
	NBR	5.0	A	5.6	A	6.5	A	5.3	A
	SBL								
	SBT	22.0	C	24.3	C	25.7	C	26.0	C
Intersection		27.2	C	29.1	C	32.1	C	29.3	C
Lakeland Avenue & Manton Street	EBL								
	EBT	20.8	C	20.7	C	20.7	C	20.7	C
	EBR								
	WBL								
	WBT	14.4	B	14.4	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	8.2	A	9.0	A	10.1	B	10.1	B
	NBR								
	SBL								
	SBT	10.2	B	11.9	B	13.5	B	13.5	B
Intersection		10.3	B	11.4	B	12.6	B	12.6	B

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		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.5	A	1.6	A	1.6	A
	EBT	1.9	A	2.0	A	2.1	A	2.1	A
	EBR								
	WBL								
	WBT	5.0	A	5.4	A	5.7	A	5.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.5	D	50.7	D	50.7	D	50.7	D
	SBT								
	SBR	16.0	B	16.0	B	16.0	B	16.0	B
Intersection		5.1	A	5.3	A	5.5	A	5.5	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.8	A	7.6	A	8.2	A	8.2	A
	EBR								
	WBL								
	WBT	5.5	A	6.9	A	6.9	A	6.9	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	36.5	D	37.4	D	37.0	D	37.0	D
Intersection		8.9	A	9.9	A	10.1	B	10.1	B
Greene Avenue & Montauk Highway	EBL								
	EBT	7.3	A	8.0	A	8.1	A	8.1	A
	EBR								
	WBL								
	WBT	6.0	A	9.2	A	9.2	A	9.0	A
	WBR	2.8	A	3.3	A	2.9	A	2.8	A
	NBL	49.2	D	50.0	D	52.5	D	52.5	D
	NBT	34.2	C	33.8	C	34.4	C	34.4	C
	NBR								
	SBL								
	SBT	52.6	D	52.8	D	54.8	D	54.8	D
Intersection		15.4	B	16.6	B	16.8	B	16.7	B

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		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	14.5	B	14.5	B	15.2	B	15.9	B
	EBT	18.1	B	17.7	B	17.4	B	18.0	B
	EBR								
	WBL	15.5	B	16.4	B	17.6	B	18.4	B
	WBT	19.2	B	21.5	C	23.5	C	24.7	C
	WBR	5.4	A	6.1	A	6.8	A	6.9	A
	NBL								
	NBT	50.6	D	51.3	D	51.4	D	51.4	D
	NBR								
	SBL	78.5	E	118.5	F	124.3	F	107.0	F
	SBT	29.6	C	32.8	C	34.8	C	33.5	C
Intersection		30.6	C	37.3	D	38.7	D	36.5	D
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	24.3	C	26.1	C	26.4	C	26.5	C
	EBT	32.5	C	35.3	D	36.0	D	36.1	D
	EBR								
	WBL	2.0	A	2.5	A	2.5	A	2.2	A
	WBT	3.3	A	4.0	A	4.1	A	3.9	A
	WBR								
	NBL								
	NBT	24.5	C	24.3	C	24.3	C	24.3	C
	NBR								
	SBL								
	SBT	41.4	D	41.7	D	41.7	D	41.7	D
	SBR	2.6	A	3.1	A	3.0	A	3.0	A
Intersection		16.0	B	17.4	B	17.7	B	17.7	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.0	A	1.0	A	1.0	A	1.0	A
	EBT	2.5	A	2.7	A	2.7	A	2.7	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	18.8	B	23.3	C	24.7	C	23.7	C
	WBT	20.8	C	23.9	C	24.9	C	24.4	C
	WBR								
	NBL								
	NBT	43.2	D	43.0	D	42.7	D	42.7	D
	NBR	7.1	A	7.0	A	7.0	A	7.0	A
	SBL								
	SBT	22.1	C	22.1	C	21.8	C	21.8	C
Intersection		15.6	B	16.9	B	17.3	B	17.0	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	53.2	D	53.9	D	55.0	E	51.5	D
	EBR								
	WBL								
	WBT	26.6	C	26.6	C	26.1	C	26.4	C
	WBR								
	NBL	11.4	B	11.9	B	12.1	B	11.5	B
	NBT	17.9	B	19.2	B	19.2	B	17.0	B
	NBR								
	SBL	6.2	A	6.2	A	6.5	A	6.2	A
	SBT	13.5	B	15.7	B	16.8	B	12.8	B
Intersection		19.1	B	20.7	C	21.4	C	18.3	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	14.5	B	14.3	B	14.4	B	14.4	B
	EBR								
	WBL								
	WBT	14.5	B	14.4	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	19.1	B	18.9	B	19.1	B	19.1	B
	NBR								
	SBL	6.0	A	6.1	A	6.0	A	6.0	A
	SBT	6.2	A	6.2	A	6.1	A	6.1	A
	SBR								
	NWL	6.1	A	6.1	A	6.1	A	6.1	A
Intersection		7.5	A	7.6	A	7.2	A	7.2	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.5	B	10.6	B	12.0	B	12.0	B
	EBR								
	WBL								
	WBT	10.2	B	10.3	B	11.0	B	11.0	B
	WBR								
	NBL								
	NBT	9.3	A	9.3	A	9.6	A	9.6	A
	NBR								
	SBL								
	SBT	10.7	B	10.8	B	12.4	B	12.4	B
Intersection		10.3	B	10.4	B	11.5	B	11.5	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.6	C	25.3	D	41.8	E	41.0	E
	NB	9.1	A	9.3	A	9.6	A	9.6	A
Lakeland Avenue & Chester Road	EB	37.0	E	45.8	E	56.4	F	56.0	F
	NB	0.1	A	0.2	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	17.5	C	17.7	C	17.7	C
	WB	18.3	C	21.1	C	22.0	C	22.0	C
	NB	0.8	A	0.8	A	0.8	A	0.8	A
	SB	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue & Depot Street	EB	13.9	B	15.0	C	16.4	C	16.4	C
	NB	8.5	A	8.6	A	8.8	A	2.6	A
Railroad Avenue & Hiddink Street	WB	12.4	B	13.1	B	13.4	B	13.4	B
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	3.1	A	3.3	A	3.3	A
Railroad Avenue & Center Street	EB	12.7	B	13.5	B	13.8	B	13.8	B
	NB	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.1	A	2.4	A	2.4	A	2.4	A
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.6	B	11.0	B	11.0	B	11.0	B
	SB	20.3	C	23.3	C	24.1	C	24.1	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.9	A	9.9	A
Bohemia Pkwy. & Terry Road	EB	0.3	A	0.3	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.3	B	11.5	B	12.5	B	12.5	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.5	B	10.6	B	11.1	B	11.1	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.3	A	8.3	A
	WB	8.2	A	8.3	A	8.4	A	8.4	A
	SB	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.7	A	9.9	A	9.9	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		AM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.3	A	8.7	A	8.7	A
	WB	10.6	B	10.9	B	11.3	B	11.3	B
	NB	9.5	A	9.7	A	10.1	B	10.1	B
Tariff Street/Terry Road & Chester Road	EB	2.1	A	2.1	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.2	B	10.3	B	10.3	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	8.9	A	9.0	A	9.4	A	9.4	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.1	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	2.4	A	2.4	A	4.6	A	4.6	A
Carrie Avenue & Marion Street	WB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.0	A	1.0	A	1.0	A	1.0	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB	8.4	A	8.6	A	8.6	A	8.6	A
	WB	8.6	A	8.8	A	8.8	A	8.8	A
	NB	8.7	A	8.8	A	8.8	A	8.8	A
	SB	8.9	A	9.1	A	9.1	A	9.1	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.6	A	4.6	A
	NB	0.0	A	0.0	A	9.5	A	9.5	A
Terry Road & Site Access	EB	0.0		0.0		1.0	A	1.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.8	B	10.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	22.5	C	25.1	D	32.5	D	31.8	D
	NB	10.3	B	10.7	B	12.1	B	12.0	B
Lakeland Avenue & Chester Road	EB	83.0	F	138.3	F	351.6	F	308.1	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	23.1	C	29.2	D	33.6	D	33.6	D
	WB	24.6	C	34.6	D	43.0	E	43.0	E
	NB	0.2	A	0.3	A	0.3	A	0.3	A
	SB	0.5	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	25.6	D	32.3	D	43.2	E	43.2	E
	NB	3.8	A	4.2	A	4.3	A	4.3	A
Railroad Avenue & Hiddink Street	WB	26.3	D	35.3	E	39.4	E	39.4	E
	NB	0.0		0.0		0.0		0.0	
	SB	4.2	A	4.5	A	4.7	A	4.7	A
Railroad Avenue & Center Street	EB	28.9	D	36.5	E	37.7	E	37.7	E
	NB	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.3	A	2.9	A	3.0	A	3.0	A
	WB	0.3	A	0.4	A	0.3	A	0.3	A
	NB	62.1	F	144.6	F	131.7	F	131.7	F
	SB	19.2	C	23.0	C	23.4	C	23.4	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.2	A	9.2	A	9.4	A	9.4	A
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.1	A	0.0	A	0.0	A	0.0	A
	NB	11.8	B	12.0	B	13.1	B	13.1	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	11.2	B	11.4	B	11.8	B	11.8	B
Terry Road & Sterling Place	EB	8.8	A	8.9	A	9.2	A	9.2	A
	WB	8.2	A	8.3	A	8.6	A	8.6	A
	SB	7.4	A	7.4	A	7.6	A	7.6	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	10.0	A	10.3	B	10.3	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		PM School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.8	A	10.1	B	10.7	B	10.7	B
	WB	12.3	B	12.9	B	14.1	B	14.1	B
	NB	11.1	B	11.6	B	12.5	B	12.5	B
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.8	A	1.8	A
	WB	0.0		0.0		0.0		0.0	
	SB	11.2	B	11.5	B	11.8	B	11.8	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	10.0	A	10.1	B	10.6	B	10.6	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.2	A	9.4	A	9.4	A
	NB	0.0		0.0		0.0		0.0	
	SB	2.4	A	2.3	A	4.4	A	4.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB	12.0	B	12.7	B	12.9	B	12.9	B
	WB	10.1	B	10.4	B	10.5	B	10.5	B
	NB	11.3	B	11.8	B	12.0	B	12.0	B
	SB	12.9	B	13.8	B	13.9	B	13.9	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.2	A	5.2	A
	NB	0.0	A	0.0	A	11.2	B	11.2	B
Terry Road & Site Access	EB	0.0		0.0		1.6	A	1.6	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.7	B	10.7	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	23.7	C	26.5	D	36.5	E	35.9	E
	NB	9.6	A	9.9	A	10.6	B	10.6	B
Lakeland Avenue & Chester Road	EB	63.3	F	95.2	F	222.3	F	202.4	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	18.1	C	20.7	C	24.7	C	24.7	C
	WB	27.1	D	37.3	E	57.0	F	57.0	F
	NB	0.3	A	0.3	A	0.3	A	0.3	A
	SB	0.6	A	0.6	A	0.7	A	0.7	A
Railroad Avenue & Depot Street	EB	28.3	D	37.6	E	56.3	F	56.3	F
	NB	3.6	A	3.9	A	4.1	A	4.1	A
Railroad Avenue & Hiddink Street	WB	30.8	D	44.3	E	65.2	F	65.2	F
	NB	0.0		0.0		0.0		0.0	
	SB	3.4	A	3.6	A	4.1	A	4.1	A
Railroad Avenue & Center Street	EB	23.0	C	27.7	D	30.7	D	30.7	D
	NB	1.6	A	1.6	A	1.6	A	1.6	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.7	A	2.0	A	2.1	A	2.1	A
	WB	0.3	A	0.4	A	0.4	A	0.4	A
	NB	52.5	F	97.3	F	106.7	F	106.7	F
	SB	16.8	C	19.0	C	19.8	C	19.8	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.9	B	11.1	B	11.7	B	11.7	B
Bohemia Pkwy. & Terry Road	EB	0.2	A	0.2	A	0.2	A	0.2	A
	WB	0.0		0.0		0.0		0.0	
	NB	12.1	B	12.3	B	13.3	B	13.3	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.6	B	10.8	B	11.5	B	11.5	B
Terry Road & Sterling Place	EB	8.6	A	8.7	A	9.3	A	9.3	A
	WB	8.3	A	8.4	A	8.9	A	8.9	A
	SB	7.3	A	7.4	A	7.6	A	7.6	A
Terry Road & Carrie Avenue	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.1	B	10.8	B	10.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday School Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	9.7	A	10.0	A	11.3	B	11.3	B
	WB	10.3	B	10.7	B	11.9	B	11.9	B
	NB	11.0	B	11.5	B	13.1	B	13.1	B
Tariff Street/Terry Road & Chester Road	EB	1.8	A	1.8	A	1.6	A	1.6	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.3	B	10.4	B	10.8	B	10.8	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB 2	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	10.3	B	10.3	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.3	A	9.3	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.7	A	0.7	A	2.9	A	2.9	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.9	A	0.9	A	0.9	A	0.9	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	5.0	A	5.1	A	5.0	A	5.0	A
Lincoln Avenue & Hiddink Street	EB	9.9	A	10.2	B	10.5	B	10.5	B
	WB	9.4	A	9.7	A	9.9	A	9.9	A
	NB	10.6	B	11.0	B	11.3	B	11.3	B
	SB	10.4	B	10.7	B	10.9	B	10.9	B
Site Access & 11th Street	EB	7.0	A	7.0	A	7.0	A	7.0	A
	WB	7.1	A	7.1	A	7.9	A	7.9	A
	NB	7.0	A	7.0	A	7.7	A	7.7	A
Terry Road & Site Access	EB	0.0		0.0		1.3	A	1.3	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	13.3	B	13.3	B

**Level of Service Table: Phase 6 School
Widening of Lakeland Avenue**

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	83.5	F	83.1	F	83.1	F
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.8	B	21.2	C	21.2	C
	NBT	7.9	A	7.9	A	8.6	A	8.6	A
	NBR								
Smithtown Avenue & NYS Route 27 South Service Road	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
	Intersection	51.2	D	64.5	E	63	E	63	E
	EBL	21.4	C	21.4	C	21.4	C	21.4	C
	EBT	21	C	20.9	C	21	C	21	C
	EBR	0.4	A	0.4	A	0.6	A	0.6	A
	WBL								
	WBT								
Lakeland Avenue #1 & NYS Route 27 North Service Road	WBR								
	NBL								
	NBT	14	B	14.2	B	14.6	B	14.6	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	5.7	A	5.9	A	5.9	A	5.9	A
	SBT	5.7	A	5.8	A	5.8	A	5.8	A
	Intersection	12.5	B	12.6	B	12.7	B	12.7	B
	EBL								
	EBT								
Lakeland Avenue #1 & NYS Route 27 North Service Road	EBR								
	WBL	20.7	C	21.4	C	22.4	C	21.8	C
	WBT	70.8	E	101.5	F	113.6	F	101	F
	WBR	19.4	B	21.2	C	21.9	C	21.1	C
	NBL	46.5	D	47.3	D	53.8	D	50.2	D
	NBT	14.6	B	15.3	B	19	B	20.1	C
	NBR								
	SBL								
	SBT	35.5	D	35.8	D	37.1	D	30.6	C
Intersection	SBR	42.5	D	43.5	D	45.6	D	38.1	D
		41.6	D	52.9	D	57.2	E	52	D

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & NYS Route 27 South Service Road	EBL	29.7	C	32.6	C	42.3	D	30.8	C
	EBT	26	C	27.8	C	35.3	D	24.6	C
	EBR	5.5	A	6.2	A	7.8	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.6	C	35	C	34.4	C
	NBR	15.8	B	17.1	B	16.8	B	16.9	B
	SBL	39.4	D	40.6	D	40.5	D	38.9	D
Intersection		14.6	B	14.5	B	14.4	B	15.2	B
		24.7	C	26	C	29.8	C	25.5	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.7	C	24.7	C	24.7	C
	WBT	127.1	F	152	F	151.6	F	151.6	F
	WBR	31.1	C	32.3	C	32.3	C	32.3	C
	NBL	39.4	D	39	D	38.3	D	38.3	D
	NBT	17.1	B	16.5	B	16.1	B	16.1	B
	NBR								
	SBL								
Intersection		19	B	19.1	B	19.1	B	19.1	B
		21.6	C	21.9	C	21.9	C	21.9	C
		75	E	87	F	86.7	F	86.7	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35.8	D	36	D	36	D
	EBT	19.5	B	19.6	B	20.1	C	20.1	C
	EBR	19.7	B	19.8	B	19.8	B	19.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.5	B	19.4	B	19.4	B
	NBR	22.9	C	23.4	C	23.9	C	23.9	C
	SBL	36.9	D	37.4	D	37.7	D	37.7	D
Intersection		14.4	B	14.6	B	14.9	B	14.9	B
		24.5	C	24.9	C	25	C	25	C

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & Gibbons Court	EBL					35.5	D	26.1	C
	EBT					0.3	A	0.2	A
	EBR								
	WBL	31.2	C	31.2	C				
	WBT					22.1	C	15.7	B
	WBR	13.8	B	13.7	B	6.8	A	2.7	A
	NBL					5.6	A	6.2	A
	NBT	9.7	A	10.8	B	28.2	C	12.1	B
	NBR								
	SBL	2.5	A	2.6	A	6.8	A	6.8	A
	SBT	3.6	A	3.7	A	11.4	B	13.9	B
	SB R					1.6	A	0.6	A
Intersection		8.3	A	8.9	A	22	C	13.1	B
Lakeland Avenue #1 & Tariff Street/Johnson Avenue	EBL	46.5	D	47.2	D	47.2	D	47.1	D
	EBT	39.8	D	40	D	42.3	D	42.2	D
	EBR								
	WBL								
	WBT	54.5	D	57.8	E	57.9	E	56.9	E
	WBR								
	NBL							16.7	B
	NBT	19.9	B	21.2	C	22	C	19.6	B
	NBR	3.5	A	4	A	4.3	A	3.5	A
	SBL								
	SBT	19	B	20.1	C	20.8	C	20.7	C
Intersection		29.5	C	30.7	C	31.2	C	30.3	C
Lakeland Avenue #1 & Manton Street	EBL								
	EBT	23.5	C	24.1	C	24.1	C	24.1	C
	EBR								
	WBL								
	WBT	13.5	B	13.7	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	8	A	8.7	A	8.8	A	8.8	A
	NBR								
	SBL								
	SBT	7.9	A	8.5	A	9.1	A	9.1	A
Intersection		10.9	B	11.4	B	11.5	B	11.5	B

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.4	A	1.5	A	1.6	A	1.6	A
	EBT	1.1	A	1.2	A	1.2	A	1.2	A
	EBR								
	WBL								
	WBT	8.5	A	11.9	B	12.9	B	12.9	B
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	32.8	C	33	C	32.8	C	32.8	C
Intersection	SBT	20.7	C	24.8	C	26.1	C	26.1	C
	SBR	8.1	A	10.5	B	11.3	B	11.3	B
Montauk Highway & Cherry Avenue	EBL								
	EBT	3.3	A	3.5	A	3.5	A	3.5	A
	EBR								
	WBL								
	WBT	6.5	A	7.6	A	7.2	A	7.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	24.1	C	24.1	C	23.6	C	23.6	C
Intersection		6.7	A	7.4	A	7.1	A	7.1	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.9	A	6	A	6	A
	EBR								
	WBL								
	WBT	8	A	9	A	9.1	A	9.1	A
	WBR	3.2	A	3.3	A	3.3	A	3.3	A
	NBL	41.5	D	42.5	D	42.4	D	42.4	D
	NBT	28.7	C	28.5	C	28.5	C	28.5	C
	NBR								
	SBL								
Intersection	SBT	29.9	C	29.7	C	29.8	C	29.8	C
		12.5	B	13	B	13	B	13	B

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue #1/Railroad Avenue #1 & Montauk Highway	EBL	13.2	B	19.4	B	20.1	C	20.1	C
	EBT	12.2	B	14.9	B	15.2	B	15.2	B
	EBR								
	WBL	12.1	B	12.6	B	12.5	B	12.5	B
	WBT	21	C	28.9	C	29	C	29	C
	WBR	4.5	A	5.1	A	5.1	A	5	A
	NBL								
	NBT	42.7	D	43.5	D	43.5	D	43.5	D
	NBR								
	SBL	28.1	C	26.7	C	27.7	C	27.7	C
Intersection		26.1	C	25.5	C	25.6	C	25.6	C
		21.5	C	25.4	C	25.6	C	25.7	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	21.3	C	21.2	C	21.2	C
	EBT	19.7	B	19.3	B	19.2	B	19.2	B
	EBR								
	WBL	2.7	A	3	A	3	A	3	A
	WBT	4.4	A	5.7	A	5.7	A	5.6	A
	WBR								
	NBL								
	NBT	28	C	28.1	C	28	C	28	C
	NBR								
	SBL								
Intersection		30.3	C	30.6	C	30.5	C	30.5	C
		0.7	A	0.8	A	0.8	A	0.8	A
		8.9	A	9.8	A	9.8	A	9.8	A
Foster Avenue/Shoppig Center & Montauk Highway	EBL	0.4	A	0.6	A	0.6	A	0.6	A
	EBT	1.3	A	1.3	A	1.3	A	1.3	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10	A	8.5	A	8.2	A	11.7	B
	WBT	27.8	C	28.8	C	28.5	C	34.4	C
	WBR								
	NBL								
	NBT	43.1	D	46.1	D	45.9	D	45.9	D
	NBR	3.2	A	3.7	A	3.7	A	3.7	A
	SBL								
Intersection		18.5	B	18.2	B	18.6	B	18.6	B
		20.5	C	21.2	C	20.9	C	24.1	C

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Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	39.3	D	39.9	D	40.5	D	39.2	D
	EBT								
	EBR	25.7	C	24.8	C	24.8	C	25.5	C
	WBL								
	WBT	4.4	A	5.3	A	5.6	A	3.9	A
	WBR								
	NBL	4.5	A	5.4	A	5.8	A	3.7	A
	NBT								
	NBR	4.7	A	5	A	5	A	4.7	A
	SBL								
	SBT	10.2	B	11.8	B	12.2	B	9.3	A
Intersection		11.3	B	12.5	B	12.9	B	10.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	15.9	B	17.6	B	17.6	B	17.6	B
	EBT								
	EBR	16.6	B	18.6	B	18.5	B	18.5	B
	WBL								
	WBT	20.2	C	22.2	C	22.2	C	22.2	C
	WBR								
	NBL	7.5	A	9	A	9	A	9	A
	NBT								
	NBR	7.5	A	9	A	9	A	9	A
	SBL								
	SBT	7.5	A	9	A	9	A	9	A
	SBR	7.5	A	9	A	9.1	A	9.1	A
	NWL								
Intersection		9.8	A	11.4	B	10.9	B	10.9	B
Cherry Avenue & Brook Street	EBL	14	B	14.6	B	14.6	B	14.6	B
	EBT								
	EBR	11.4	B	11.7	B	11.7	B	11.7	B
	WBL								
	WBT	13.7	B	14.2	B	14.2	B	14.2	B
	WBR								
	NBL	12.5	B	12.8	B	13.6	B	13.6	B
	NBT								
	NBR	13.2	B	13.6	B	13.8	B	13.8	B
	SBL								
	SBT	12.5	B	12.8	B	13.6	B	13.6	B
Intersection		13.2	B	13.6	B	13.8	B	13.8	B

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Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & LIRR	EBL	1214	F	1214	F	1214	F	1214	F
	EBT								
	EBR								
	WBL	6.3	A	6.4	A	6.3	A	6.3	A
	WBT								
	WBR								
	NBL	4.6	A	4.7	A	4.7	A	4.7	A
	NBT								
	NBR								
	SBL	13.6	B	13.2	B	13.2	B	13.2	B
	SBT								
Intersection									
Railroad Avenue #1/Lakeland Avenue #1 & LIRR	EBL	45.3	D	45.3	D	45.3	D	45.3	D
	EBT								
	EBR								
	WBL	8.1	A	8.3	A	8.4	A	8.4	A
	WBT								
	WBR								
	NBL	8.9	A	9.1	A	9.6	A	9.6	A
	NBT								
	NBR								
	SBL	8.7	A	8.8	A	9.1	A	9.1	A
	SBT								
Intersection									
Lincoln Avenue & LIRR	EBL	519.3	F	519.3	F	519.3	F	519.3	F
	EBT								
	EBR								
	WBL	4.2	A	4.2	A	4.2	A	4.2	A
	WBT								
	WBR								
	NBL	4.3	A	4.4	A	4.4	A	4.4	A
	NBT								
	NBR								
	SBL	10.5	B	10.2	B	10.2	B	10.2	B
	SBT								
Intersection									

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.8	B	18.8	B	18.8	B
	WBT	71.5	E	90.6	F	90.2	F	90.2	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.6	B	19.1	B	19.1	B
	NBT	4	A	4.2	A	3.8	A	3.8	A
	NBR								
	SBL								
SBT	20.1	C	20.2	C	20.2	C	20.2	C	
SBR	1.8	A	2	A	2	A	2	A	
Intersection		47.6	D	59.2	E	58.3	E	58.3	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20	C	20	B	20	B
	EBT	21.2	C	21.3	C	21.5	C	21.5	C
	EBR	0.8	A	0.8	A	2.8	A	2.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	18.2	B	18.2	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.7	A	2.8	A	2.8	A
SBT	2.4	A	2.5	A	2.5	A	2.5	A	
Intersection		12	B	12.1	B	12.3	B	12.3	B
Lakeland Avenue #1 & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	30.2	C	34	C	32.2	C
	WBT	139.7	F	165.9	F	165.2	F	146.7	F
	WBR	9.6	A	12.6	B	16.2	B	15.5	B
	NBL	46	D	44.8	D	47.4	D	46.5	D
	NBT	15.5	B	15.8	B	17.2	B	21.2	C
	NBR								
	SBL								
SBT	67.7	E	91.3	F	143	F	62.8	E	
SBR	89.3	F	112.8	F	159.8	F	54.1	D	
Intersection		78	E	94.4	F	109.9	F	73.6	E

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & NYS Route 27 South Service Road	EBL	28	C	29.5	C	32.1	C	25.2	C
	EBT	24.8	C	25.6	C	27.7	C	24.5	C
	EBR	6.2	A	8.4	A	18.2	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.9	C	32.8	C	33	C
	NBR	20.5	C	21.6	C	21	C	21.4	C
	SBL	44.5	D	44.1	D	41.7	D	45	D
	SBT	28.2	C	27.5	C	26.2	C	26.1	C
Intersection		26.8	C	27.4	C	28.4	C	27.5	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	24.7	C	24.7	C	24.7	C
	WBT	76.9	E	97.3	F	96.6	F	96.6	F
	WBR	22.8	C	23.3	C	23.3	C	23.3	C
	NBL	30.4	C	30.6	C	30.7	C	30.7	C
	NBT	12.8	B	12.5	B	12.5	B	12.5	B
	NBR								
	SBL								
	SBT	20.1	C	22.6	C	22.6	C	22.6	C
	SBR	80.1	F	143.1	F	143.1	F	143.1	F
Intersection		52.5	D	71.7	E	71.5	E	71.5	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.6	C	23.6	C	23.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22	C	22.4	C	22.3	C	22.3	C
	NBR	29.6	C	31.9	C	31.8	C	31.8	C
	SBL	41.2	D	39.6	D	39.6	D	39.6	D
	SBT	7.6	A	8.1	A	8.1	A	8.1	A
Intersection		23.6	C	23.5	C	23.5	C	23.5	C

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & Gibbons Court	EBL					34.8	C	38.9	D
	EBT					0.3	A	0.3	A
	EBR								
	WBL	32.4	C	32.4	C				
	WBT					25.1	C	27.6	C
	WBR	14	B	13.9	B	2.4	A	1.7	A
	NBL					4.9	A	4.9	A
	NBT	8.9	A	9.5	A	19.5	B	8.5	A
	NBR								
	SBL	2.5	A	2.6	A	5.6	A	5.1	A
	SBT	5.5	A	6	A	20.9	C	18.5	B
	SB R					5.2	A	4.3	A
Intersection		7.4	A	8	A	18.9	B	14.1	B
Lakeland Avenue #1 & Tariff Street/Johnson Avenue	EBL	45.9	D	47.1	D	47.3	D	46.3	D
	EBT	45	D	46	D	48.3	D	47.3	D
	EBR								
	WBL								
	WBT	103.1	F	149.5	F	158.8	F	136.1	F
	WBR								
	NBL							31	C
	NBT	23.8	C	28.9	C	69.2	E	21	C
	NBR	4	A	4.6	A	5.4	A	4.7	A
	SBL								
	SBT	25.2	C	26.9	C	27.6	C	29.3	C
Intersection		42.4	D	54.4	D	64.8	E	50.2	D
Lakeland Avenue #1 & Manton Street	EBL								
	EBT	21.2	C	21.5	C	21.5	C	21.5	C
	EBR								
	WBL								
	WBT	15.7	B	15.7	B	15.8	B	15.8	B
	WBR								
	NBL								
	NBT	8.5	A	9.2	A	9.8	A	9.8	A
	NBR								
	SBL								
	SBT	12.2	B	14.4	B	15.3	B	15.3	B
Intersection		12	B	13.3	B	13.9	B	13.9	B

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	3.3	A	3.5	A	3.5	A
	EBT	2.7	A	3.1	A	3.2	A	3.2	A
	EBR								
	WBL								
	WBT	6.9	A	8.8	A	9.6	A	9.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.4	D	50.4	D
	SBT								
	SBR	15.3	B	22.9	C	24.4	C	24.4	C
Intersection		5.9	A	7.5	A	8.1	A	8.1	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	13.6	B	16	B	16	B
	EBR								
	WBL								
	WBT	7.2	A	8.6	A	9	A	9	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37	D	38.2	D	37.9	D	37.9	D
	SBT								
Intersection		11.3	B	13.3	B	14.6	B	14.6	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.4	B	11.7	B	11.7	B
	EBR								
	WBL								
	WBT	6.3	A	7.9	A	7.7	A	7.7	A
	WBR	2.4	A	2.1	A	1.9	A	1.9	A
	NBL	63.9	E	67.6	E	68.3	E	68.3	E
	NBT	33.2	C	32.9	C	32.9	C	32.9	C
	NBR								
	SBL								
	SBT	53.5	D	54.2	D	54	D	54	D
Intersection		17.2	B	18.1	B	18.1	B	18.1	B

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue #1/Railroad Avenue #1 & Montauk Highway	EBL	12.2	B	11.2	B	11.4	B	11.4	B
	EBT	19.5	B	17.9	B	17.7	B	17.7	B
	EBR								
	WBL	16	B	18.5	B	19	B	19	B
	WBT	18.8	B	22.4	C	23.2	C	23.2	C
	WBR	6.8	A	7.2	A	7.6	A	7.6	A
	NBL								
	NBT	53.2	D	52.9	D	53.1	D	53.1	D
	NBR								
	SBL	54.9	D	71.8	E	71.9	E	71.9	E
	SBT	31.6	C	35	D	35.8	D	35.8	D
Intersection		27.4	C	30.2	C	30.4	C	30.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.6	C	23.5	C	23.5	C
	EBT	38.6	D	51.8	D	53	D	53	D
	EBR								
	WBL	2	A	2.1	A	2.2	A	2.2	A
	WBT	2.5	A	2.8	A	3	A	3	A
	WBR								
	NBL								
	NBT	29.2	C	28.4	C	28.9	C	28.9	C
	NBR								
	SBL								
	SBT	41.4	D	40.8	D	40.6	D	40.6	D
	SBR	8.1	A	8.5	A	8.4	A	8.4	A
Intersection		20.6	C	25.7	C	26.1	C	26.1	C
Foster Avenue/Shopp ing Center & Montauk Highway	EBL	0.5	A	0.4	A	0.4	A	0.4	A
	EBT	3.2	A	4	A	4.1	A	4.1	A
	EBR	0.1	A	0	A	0	A	0	A
	WBL	19.1	B	26.3	C	27.2	C	27.2	C
	WBT	16.4	B	18.3	B	18.4	B	18.4	B
	WBR								
	NBL								
	NBT	48.7	D	48.2	D	48	D	48	D
	NBR	8.2	A	8.1	A	8.1	A	8.1	A
	SBL								
	SBT	26.3	C	26.3	C	26.2	C	26.2	C
Intersection		14.2	B	15.6	B	15.7	B	15.7	B

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	52.7	D	55.5	E	55.5	E	55.5	E
	EBT								
	EBR								
	WBL	14.5	B	14.9	B	14.9	B	14.9	B
	WBT								
	WBR								
	NBL	13.4	B	13.8	B	14	B	14	B
	NBT	20.9	C	21.4	C	21.5	C	21.5	C
	NBR	7	A	6.5	A	6.5	A	6.5	A
	SBL								
	SBT	12.7	B	13.9	B	14.2	B	14.2	B
Intersection		21	C	21.9	C	22.1	C	22.1	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL	17.4	B	19.3	B	17.4	B	17.4	B
	EBT								
	EBR								
	WBL	17.3	B	19.4	B	17.4	B	17.4	B
	WBT								
	WBR								
	NBL	17.5	B	19.5	B	17.5	B	17.5	B
	NBT								
	NBR								
	SBL	6.3	A	7.9	A	6.3	A	6.3	A
	SBT	6.2	A	7.8	A	6.3	A	6.3	A
	SBR	6.3	A	7.9	A	6.4	A	6.4	A
	NWL								
Intersection		8.9	A	10.6	B	8.6	A	8.6	A
Cherry Avenue & Brook Street	EBL	11.5	B	13	B	13.5	B	13.5	B
	EBT								
	EBR								
	WBL	12.5	B	14.1	B	14.5	B	14.5	B
	WBT								
	WBR								
	NBL	9.5	A	9.8	A	9.7	A	9.7	A
	NBT								
	NBR								
	SBL	13.2	B	15.5	B	15.8	B	15.8	B
	SBT								
Intersection		12.1	B	13.6	B	14	B	14	B

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & LIRR	EBL	491	F	491	F	491	F	491	F
	EBT								
	EBR	151	F	151	F	151	F	151	F
	WBL								
	WBT								
	WBR	9.6	A	9.7	A	9.6	A	9.6	A
	NBL								
	NBT								
	NBR	8.4	A	8.5	A	8.6	A	8.6	A
	SBL								
	SBT								
Intersection		10.9	B	10.9	B	10.9	B	10.9	B
Railroad Avenue #1/Lakeland Avenue #1 & LIRR	EBL	99	F	99	F	99	F	99	F
	EBT								
	EBR	81	F	81	F	81	F	81	F
	WBL								
	WBT								
	WBR	14.4	B	14.9	B	15.8	B	15.8	B
	NBL								
	NBT								
	NBR	26.1	C	28.1	C	29.6	C	29.6	C
	SBL								
	SBT								
Intersection		21.6	C	23.1	C	24.2	C	24.2	C
Lincoln Avenue & LIRR	EBL	63	E	63	E	63	E	63	E
	EBT								
	EBR	491	F	491	F	491	F	491	F
	WBL								
	WBT								
	WBR	7.6	A	7.7	A	7.7	A	7.7	A
	NBL								
	NBT								
	NBR	8.2	A	8.2	A	8.2	A	8.2	A
	SBL								
	SBT								
Intersection		9.2	A	9.2	A	9.2	A	9.2	A

**Level of Service Table: Phase 6 School Widening of Lakeland Avenue and Closure of
Chester Road at Lakeland Avenue**

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	83.5	F	83.1	F	83.1	F
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.8	B	21.2	C	21.2	C
	NBT	7.9	A	7.9	A	8.6	A	8.6	A
	NBR								
Intersection	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
	Intersection	51.2	D	64.5	E	63	E	63	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.4	C	21.4	C
	EBT	21	C	20.9	C	21	C	21	C
	EBR	0.4	A	0.4	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14	B	14.2	B	14.6	B	14.6	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
Intersection	SBL	5.7	A	5.9	A	5.9	A	5.9	A
	SBT	5.7	A	5.8	A	5.8	A	5.8	A
	Intersection	12.5	B	12.6	B	12.7	B	12.7	B
Lakeland Avenue #1 & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.7	C	21.4	C	22.4	C	21.8	C
	WBT	70.8	E	101.5	F	113.6	F	101	F
	WBR	19.4	B	21.2	C	21.9	C	21.1	C
	NBL	46.5	D	47.3	D	53.8	D	50.2	D
	NBT	14.6	B	15.3	B	19	B	20.1	C
	NBR								
Intersection	SBL								
	SBT	35.5	D	35.8	D	37.1	D	30.6	C
	SBR	42.5	D	43.5	D	45.6	D	38.1	D

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Intersection		41.6	D	52.9	D	57.2	E	52	D
Lakeland Avenue #1 & NYS Route 27 South Service Road	EBL	29.7	C	32.6	C	42.3	D	30.8	C
	EBT	26	C	27.8	C	35.3	D	24.6	C
	EBR	5.5	A	6.2	A	7.8	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.6	C	35	C	34.4	C
	NBR	15.8	B	17.1	B	16.8	B	16.9	B
	SBL	39.4	D	40.6	D	40.5	D	38.9	D
	SBT	14.6	B	14.5	B	14.4	B	15.2	B
Intersection		24.7	C	26	C	29.8	C	25.5	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.7	C	24.7	C	24.7	C
	WBT	127.1	F	152	F	151.6	F	151.6	F
	WBR	31.1	C	32.3	C	32.3	C	32.3	C
	NBL	39.4	D	39	D	38.3	D	38.3	D
	NBT	17.1	B	16.5	B	16.1	B	16.1	B
	NBR								
	SBL								
	SBT	19	B	19.1	B	19.1	B	19.1	B
	SBR	21.6	C	21.9	C	21.9	C	21.9	C
Intersection		75	E	87	F	86.7	F	86.7	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35.8	D	36	D	36	D
	EBT	19.5	B	19.6	B	20.1	C	20.1	C
	EBR	19.7	B	19.8	B	19.8	B	19.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.5	B	19.4	B	19.4	B
	NBR	22.9	C	23.4	C	23.9	C	23.9	C
	SBL	36.9	D	37.4	D	37.7	D	37.7	D

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Intersection	SBT	14.4	B	14.6	B	14.9	B	14.9	B
		24.5	C	24.9	C	25	C	25	C
Lakeland Avenue #1 & Gibbons Court	EBL								
	EBT					35.5	D	30.2	C
	EBR					0.3	A	0.1	A
	WBL	31.2	C	31.2	C				
	WBT					22.1	C	15.6	B
	WBR	13.8	B	13.7	B	6.8	A	0.5	A
	NBL					5.6	A	10	A
	NBT	9.7	A	10.8	B	28.2	C	13.3	B
	NBR								
	SBL	2.5	A	2.6	A	6.8	A	9.9	A
	SBT	3.6	A	3.7	A	11.4	B	15.4	B
	SB R					1.6	A	2.2	A
Intersection		8.3	A	8.9	A	22	C	14.9	B
Lakeland Avenue #1 & Tariff Street/Johnson Avenue	EBL	46.5	D	47.2	D	47.2	D	47.2	D
	EBT	39.8	D	40	D	42.3	D	42.3	D
	EBR								
	WBL								
	WBT	54.5	D	57.8	E	57.9	E	57.9	E
	WBR								
	NBL							16.7	B
	NBT	19.9	B	21.2	C	22	C	19.7	B
	NBR	3.5	A	4	A	4.3	A	3.4	A
	SBL								
Intersection	SBT	19	B	20.1	C	20.8	C	20.8	C
		29.5	C	30.7	C	31.2	C	30.5	C
Lakeland Avenue #1 & Manton Street	EBL								
	EBT	23.5	C	24.1	C	24.1	C	24.1	C
	EBR								
	WBL								
	WBT	13.5	B	13.7	B	13.7	B	13.7	B
	WBR								
	NBL								
	NBT	8	A	8.7	A	8.8	A	8.8	A
	NBR								

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Intersection	SBL								
	SBT	7.9	A	8.5	A	9.1	A	9.1	A
Intersection		10.9	B	11.4	B	11.5	B	11.5	B
Montauk Highway & Brook Street	EBL	1.4	A	1.5	A	1.6	A	1.6	A
	EBT	1.1	A	1.2	A	1.2	A	1.2	A
	EBR								
	WBL								
	WBT	8.5	A	11.9	B	12.9	B	12.9	B
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	32.8	C	33	C	32.8	C	32.8	C
	SBT								
	SBR	20.7	C	24.8	C	26.1	C	26.1	C
Intersection		8.1	A	10.5	B	11.3	B	11.3	B
Montauk Highway & Cherry Avenue	EBL								
	EBT	3.3	A	3.5	A	3.5	A	3.5	A
	EBR								
	WBL								
	WBT	6.5	A	7.6	A	7.2	A	7.3	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	24.1	C	24.1	C	23.6	C	23.6	C
Intersection		6.7	A	7.4	A	7.1	A	7.2	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.9	A	6	A	6	A
	EBR								
	WBL								
	WBT	8	A	9	A	9.1	A	9.1	A
	WBR	3.2	A	3.3	A	3.3	A	3.5	A
	NBL	41.5	D	42.5	D	42.4	D	42.4	D
	NBT	28.7	C	28.5	C	28.5	C	28.5	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Intersection	NBR								
	SBL	29.9	C	29.7	C	29.8	C	29.8	C
	SBT	12.5	B	13	B	13	B	13	B
Gilette Avenue #1/Railroad Avenue #1 & Montauk Highway	EBL	13.2	B	19.4	B	20.1	C	20.2	C
	EBT	12.2	B	14.9	B	15.2	B	15.2	B
	EBR								
	WBL	12.1	B	12.6	B	12.5	B	12.5	B
	WBT	21	C	28.9	C	29	C	29.2	C
	WBR	4.5	A	5.1	A	5.1	A	5	A
	NBL								
	NBT	42.7	D	43.5	D	43.5	D	43.5	D
	NBR								
	SBL	28.1	C	26.7	C	27.7	C	27.6	C
Intersection	SBT	26.1	C	25.5	C	25.6	C	26.3	C
		21.5	C	25.4	C	25.6	C	25.8	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	21.3	C	21.2	C	30.8	C
	EBT	19.7	B	19.3	B	19.2	B	20.7	C
	EBR								
	WBL	2.7	A	3	A	3	A	3	A
	WBT	4.4	A	5.7	A	5.7	A	6.3	A
	WBR								
	NBL								
	NBT	28	C	28.1	C	28	C	28	C
	NBR								
	SBL								
Intersection	SBT	30.3	C	30.6	C	30.5	C	30.5	C
	SBR	0.7	A	0.8	A	0.8	A	0.8	A
		8.9	A	9.8	A	9.8	A	10.8	B
Foster Avenue/Shopping Center	EBL	0.4	A	0.6	A	0.6	A	2.8	A
	EBT	1.3	A	1.3	A	1.3	A	2.5	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10	A	8.5	A	8.2	A	16.7	B
	WBT	27.8	C	28.8	C	28.5	C	38.6	D
	WBR								

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway	NBL								
	NBT	43.1	D	46.1	D	45.9	D	45.9	D
	NBR	3.2	A	3.7	A	3.7	A	3.7	A
	SBL								
	SBT	18.5	B	18.2	B	18.6	B	18.6	B
Intersection		20.5	C	21.2	C	20.9	C	26.6	C
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	39.3	D	39.9	D	40.5	D	39.2	D
	EBR								
	WBL								
	WBT	25.7	C	24.8	C	24.8	C	25.5	C
	WBR								
	NBL	4.4	A	5.3	A	5.6	A	4	A
	NBT	4.5	A	5.4	A	5.8	A	3.7	A
	NBR								
	SBL	4.7	A	5	A	5	A	4.7	A
Intersection	SBT	10.2	B	11.8	B	12.2	B	9.3	A
		11.3	B	12.5	B	12.9	B	10.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.9	B	17.6	B	17.6	B	17.6	B
	EBR								
	WBL								
	WBT	16.6	B	18.6	B	18.5	B	18.5	B
	WBR								
	NBL								
	NBT	20.2	C	22.2	C	22.2	C	22.2	C
	NBR								
	SBL	7.5	A	9	A	9	A	9	A
	SBT	7.5	A	9	A	9	A	9	A
Intersection	SBR								
	NWL	7.5	A	9	A	9.1	A	9.1	A
		9.8	A	11.4	B	10.9	B	10.9	B
	EBL								
	EBT	14	B	14.6	B	14.6	B	14.6	B
	EBR								
	WBL								

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Brook Street	WBT	11.4	B	11.7	B	11.7	B	11.7	B
	WBR								
	NBL								
	NBT	13.7	B	14.2	B	14.2	B	14.2	B
	NBR								
SBT	SBL	12.5	B	12.8	B	13.6	B	13.6	B
	Intersection	13.2	B	13.6	B	13.8	B	13.8	B
Cherry Avenue & LIRR	EBL								
	EBT								
	EBR								
	WBL								
	WBT	1214	F	1214	F	1214	F	1214	F
WBR	NBL								
	NBT	6.3	A	6.4	A	6.3	A	6.3	A
	NBR								
SBL	SBT	4.6	A	4.7	A	4.7	A	4.7	A
	Intersection	13.6	B	13.2	B	13.2	B	13.2	B
Railroad Avenue #1/Lakeland Avenue #1 & LIRR	EBL								
	EBT								
	EBR								
	WBL								
	WBT	45.3	D	45.3	D	45.3	D	45.3	D
WBR	NBL								
	NBT	8.1	A	8.3	A	8.4	A	8.4	A
	NBR								
SBL	SBT	8.9	A	9.1	A	9.6	A	9.6	A
	Intersection	8.7	A	8.8	A	9.1	A	9.1	A
	EBL								
	EBT								
	EBR								
	WBL								

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lincoln Avenue & LIRR	WBT	519.3	F	519.3	F	519.3	F	519.3	F
	WBR								
	NBL								
	NBT	4.2	A	4.2	A	4.2	A	4.2	A
	NBR								
SBT Intersection	SBL	4.3	A	4.4	A	4.4	A	4.4	A
		10.5	B	10.2	B	10.2	B	10.2	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.8	B	18.8	B	18.8	B
	WBT	71.5	E	90.6	F	90.2	F	90.2	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.6	B	19.1	B	19.1	B
	NBT	4	A	4.2	A	3.8	A	3.8	A
	NBR								
	SBL								
SBT	20.1	C	20.2	C	20.2	C	20.2	C	
SBR	1.8	A	2	A	2	A	2	A	
Intersection		47.6	D	59.2	E	58.3	E	58.3	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20	C	20	B	20	B
	EBT	21.2	C	21.3	C	21.5	C	21.5	C
	EBR	0.8	A	0.8	A	2.8	A	2.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	18.2	B	18.2	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.7	A	2.8	A	2.8	A
SBT	2.4	A	2.5	A	2.5	A	2.5	A	
Intersection		12	B	12.1	B	12.3	B	12.3	B
Lakeland Avenue #1 & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	30.2	C	34	C	32.2	C
	WBT	139.7	F	165.9	F	165.2	F	146.7	F
	WBR	9.6	A	12.6	B	16.2	B	15.5	B
	NBL	46	D	44.8	D	47.4	D	46.5	D
	NBT	15.5	B	15.8	B	17.2	B	21.2	C
	NBR								
	SBL								
SBT	67.7	E	91.3	F	143	F	62.8	E	

Project Name: Grey Barn Island Hills
Phase 6 Analysis - Widening of Lakeland Avenue
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Intersection	SBR	89.3	F	112.8	F	159.8	F	54.1	D
		78	E	94.4	F	109.9	F	73.6	E
Lakeland Avenue #1 & NYS Route 27 South Service Road	EBL	28	C	29.5	C	32.1	C	25.2	C
	EBT	24.8	C	25.6	C	27.7	C	24.5	C
	EBR	6.2	A	8.4	A	18.2	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.9	C	32.8	C	33	C
	NBR	20.5	C	21.6	C	21	C	21.4	C
	SBL	44.5	D	44.1	D	41.7	D	45	D
SBT	28.2	C	27.5	C	26.2	C	26.1	C	
Intersection		26.8	C	27.4	C	28.4	C	27.5	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	24.7	C	24.7	C	24.7	C
	WBT	76.9	E	97.3	F	96.6	F	96.6	F
	WBR	22.8	C	23.3	C	23.3	C	23.3	C
	NBL	30.4	C	30.6	C	30.7	C	30.7	C
	NBT	12.8	B	12.5	B	12.5	B	12.5	B
	NBR								
	SBL								
SBT	20.1	C	22.6	C	22.6	C	22.6	C	
SBR	80.1	F	143.1	F	143.1	F	143.1	F	
Intersection		52.5	D	71.7	E	71.5	E	71.5	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.6	C	23.6	C	23.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22	C	22.4	C	22.3	C	22.3	C
NBR	29.6	C	31.9	C	31.8	C	31.8	C	

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Intersection	SBL	41.2	D	39.6	D	39.6	D	39.6	D
	SBT	7.6	A	8.1	A	8.1	A	8.1	A
	Intersection	23.6	C	23.5	C	23.5	C	23.5	C
Lakeland Avenue #1 & Gibbons Court	EBL								
	EBT					34.8	C	45.1	D
	EBR					0.3	A	0.3	A
	WBL	32.4	C	32.4	C				
	WBT					25.1	C	27.5	C
	WBR	14	B	13.9	B	2.4	A	1.5	A
	NBL					4.9	A	5.4	A
	NBT	8.9	A	9.5	A	19.5	B	10	A
	NBR								
	SBL	2.5	A	2.6	A	5.6	A	5.8	A
	SBT	5.5	A	6	A	20.9	C	19.4	B
	SB R					5.2	A	4.1	A
Intersection		7.4	A	8	A	18.9	B	15.5	B
Lakeland Avenue #1 & Tariff Street/Johnson Avenue	EBL	45.9	D	47.1	D	47.3	D	46.3	D
	EBT	45	D	46	D	48.3	D	47.3	D
	EBR								
	WBL								
	WBT	103.1	F	149.5	F	158.8	F	136.1	F
	WBR								
	NBL							31	C
	NBT	23.8	C	28.9	C	69.2	E	21	C
	NBR	4	A	4.6	A	5.4	A	4.7	A
	SBL								
	SBT	25.2	C	26.9	C	27.6	C	29.3	C
Intersection		42.4	D	54.4	D	64.8	E	50.2	D
Lakeland Avenue #1 & Manton Street	EBL								
	EBT	21.2	C	21.5	C	21.5	C	21.5	C
	EBR								
	WBL								
	WBT	15.7	B	15.7	B	15.8	B	15.8	B
	WBR								
	NBL								
	NBT	8.5	A	9.2	A	9.8	A	9.8	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Intersection	NBR								
	SBL								
	SBT	12.2	B	14.4	B	15.3	B	15.3	B
Intersection		12	B	13.3	B	13.9	B	13.9	B
	EBL	2.7	A	3.3	A	3.5	A	3.5	A
	EBT	2.7	A	3.1	A	3.2	A	3.2	A
Montauk Highway & Brook Street	EBR								
	WBL								
	WBT	6.9	A	8.8	A	9.6	A	9.6	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	50.2	D	50.2	D	50.4	D	50.4	D
	SBT								
	SBR	15.3	B	22.9	C	24.4	C	24.4	C
Intersection		5.9	A	7.5	A	8.1	A	8.1	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.5	B	13.6	B	16	B	16	B
	EBR								
	WBL								
	WBT	7.2	A	8.6	A	9	A	9	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	37	D	38.2	D	37.9	D	37.9	D
Intersection		11.3	B	13.3	B	14.6	B	14.6	B
Greene Avenue & Montauk Highway	EBL								
	EBT	10.4	B	11.4	B	11.7	B	11.7	B
	EBR								
	WBL								
	WBT	6.3	A	7.9	A	7.7	A	7.7	A
	WBR	2.4	A	2.1	A	1.9	A	1.9	A
	NBL	63.9	E	67.6	E	68.3	E	68.3	E
	NBT	33.2	C	32.9	C	32.9	C	32.9	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Intersection	NBR								
	SBL								
	SBT	53.5	D	54.2	D	54	D	54	D
Intersection		17.2	B	18.1	B	18.1	B	18.1	B
Gilette Avenue #1/Railroad Avenue #1 & Montauk Highway	EBL	12.2	B	11.2	B	11.4	B	11.4	B
	EBT	19.5	B	17.9	B	17.7	B	17.7	B
	EBR								
	WBL	16	B	18.5	B	19	B	19	B
	WBT	18.8	B	22.4	C	23.2	C	23.2	C
	WBR	6.8	A	7.2	A	7.6	A	7.6	A
	NBL								
	NBT	53.2	D	52.9	D	53.1	D	53.1	D
	NBR								
Intersection	SBL	54.9	D	71.8	E	71.9	E	71.9	E
	SBT	31.6	C	35	D	35.8	D	35.8	D
		27.4	C	30.2	C	30.4	C	30.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.6	C	23.5	C	23.5	C
	EBT	38.6	D	51.8	D	53	D	53	D
	EBR								
	WBL	2	A	2.1	A	2.2	A	2.2	A
	WBT	2.5	A	2.8	A	3	A	3	A
	WBR								
	NBL								
	NBT	29.2	C	28.4	C	28.9	C	28.9	C
	NBR								
Intersection	SBL								
	SBT	41.4	D	40.8	D	40.6	D	40.6	D
	SBR	8.1	A	8.5	A	8.4	A	8.4	A
Intersection		20.6	C	25.7	C	26.1	C	26.1	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.5	A	0.4	A	0.4	A	0.4	A
	EBT	3.2	A	4	A	4.1	A	4.1	A
	EBR	0.1	A	0	A	0	A	0	A
	WBL	19.1	B	26.3	C	27.2	C	27.2	C
	WBT	16.4	B	18.3	B	18.4	B	18.4	B
	WBR								
	NBL								

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway	NBT	48.7	D	48.2	D	48	D	48	D
	NBR	8.2	A	8.1	A	8.1	A	8.1	A
	SBL								
	SBT	26.3	C	26.3	C	26.2	C	26.2	C
	Intersection	14.2	B	15.6	B	15.7	B	15.7	B
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	55.5	E	55.5	E	55.5	E
	EBR								
	WBL								
	WBT	14.5	B	14.9	B	14.9	B	14.9	B
	WBR								
	NBL	13.4	B	13.8	B	14	B	14	B
	NBT	20.9	C	21.4	C	21.5	C	21.5	C
	NBR								
	SBL	7	A	6.5	A	6.5	A	6.5	A
	SBT	12.7	B	13.9	B	14.2	B	14.2	B
	Intersection	21	C	21.9	C	22.1	C	22.1	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	17.4	B	19.3	B	17.4	B	17.4	B
	EBR								
	WBL								
	WBT	17.3	B	19.4	B	17.4	B	17.4	B
	WBR								
	NBL								
	NBT	17.5	B	19.5	B	17.5	B	17.5	B
	NBR								
	SBL	6.3	A	7.9	A	6.3	A	6.3	A
	SBT	6.2	A	7.8	A	6.3	A	6.3	A
	SBR								
	NWL	6.3	A	7.9	A	6.4	A	6.4	A
	Intersection	8.9	A	10.6	B	8.6	A	8.6	A
Cherry Avenue	EBL								
	EBT	11.5	B	13	B	13.5	B	13.5	B
	EBR								
	WBL								
	WBT	12.5	B	14.1	B	14.5	B	14.5	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
& Brook Street	WBR								
	NBL								
	NBT	9.5	A	9.8	A	9.7	A	9.7	A
	NBR								
	SBL								
Intersection	SBT	13.2	B	15.5	B	15.8	B	15.8	B
		12.1	B	13.6	B	14	B	14	B
Cherry Avenue & LIRR	EBL								
	EBT	491	F	491	F	491	F	491	F
	EBR								
	WBL								
	WBT	151	F	151	F	151	F	151	F
	WBR								
	NBL								
	NBT	9.6	A	9.7	A	9.6	A	9.6	A
	NBR								
	SBL								
Intersection	SBT	8.4	A	8.5	A	8.6	A	8.6	A
		10.9	B	10.9	B	10.9	B	10.9	B
Railroad Avenue #1/Lakeland Avenue #1 & LIRR	EBL								
	EBT	99	F	99	F	99	F	99	F
	EBR								
	WBL								
	WBT	81	F	81	F	81	F	81	F
	WBR								
	NBL								
	NBT	14.4	B	14.9	B	15.8	B	15.8	B
	NBR								
	SBL								
Intersection	SBT	26.1	C	28.1	C	29.6	C	29.6	C
		21.6	C	23.1	C	24.2	C	24.2	C
Lincoln Avenue	EBL								
	EBT	63	E	63	E	63	E	63	E
	EBR								
	WBL								
	WBT	491	F	491	F	491	F	491	F

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 6 Analysis -Widening of Lakeland Avenue
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & LIRR	WBR	7.6	A	7.7	A	7.7	A	7.7	A
	NBL								
	NBT								
	NBR								
Intersection	SBL	8.2	A	8.2	A	8.2	A	8.2	A
	SBT	9.2	A	9.2	A	9.2	A	9.2	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.6	C	25.3	D	41.8	E	13.8	B
	NB 1	9.1	A	9.3	A	9.6	A	9.6	A
Lakeland Avenue #1 & Chester Road	EB 1	19.5	C	22	C	25	D		
	NB 1	0.1	A	0.2	A	0.1	A		
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	12.7	B	13.6	B	13.7	B	13.7	B
	WB 1	13.9	B	15.1	C	15.5	C	15.5	C
	NB 1	0.8	A	0.8	A	0.8	A	0.8	A
	SB 1	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue #1 & Depot Street	EB 1	10.7	B	11.2	B	11.9	B	11.9	B
	NB 1	8.5	A	8.6	A	8.8	A	2.6	A
Railroad Avenue #1 & Hiddink Street	WB 1	10.6	B	11	B	11.2	B	11.2	B
	NB 1	0		0		0		0	
	SB 1	3.1	A	3.1	A	3.3	A	3.3	A
Railroad Avenue #1 & Center Street	EB 1	12.7	B	13.5	B	13.8	B	13.8	B
	NB 1	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB 1	2.1	A	2.4	A	2.4	A	2.4	A
	WB 1	0	A	0	A	0	A	0	A
	NB 1	10.6	B	11	B	11	B	11	B
	SB 1	20.3	C	23.3	C	24.1	C	24.1	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.5	A	9.6	A	9.9	A	9.9	A
Bohemia Pkwy. & Terry Road	EB 1	0.3	A	0.3	A	0.2	A	0.2	A
	WB 1	0		0		0		0	
	NB 1	11.3	B	11.5	B	12.5	B	12.5	B
St. Johns Street & Terry Road	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	NB 1	10.5	B	10.6	B	11.1	B	11.1	B
Terry Road & Sterling Place	EB 1	7.9	A	8	A	8.3	A	8.3	A
	WB 1	8.2	A	8.3	A	8.4	A	8.4	A
	SB 1	7.2	A	7.2	A	7.3	A	7.3	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Terry Road & Carrie Avenue	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.6	A	9.7	A	9.9	A	9.9	A
Cherry Avenue & Tariff Street/Terry Road	EB 1	8.2	A	8.3	A	8.7	A	8.7	A
	WB 1	10.6	B	10.9	B	11.3	B	11.3	B
	NB 1	9.5	A	9.7	A	10.1	B	10.1	B
Tariff Street/Terry Road & Chester Road	EB 1	2.1	A	2.1	A	1.9	A	1.9	A
	WB 1	0		0		0		0	
	SB 1	10.1	B	10.2	B	10.3	B	10.3	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0		0	
	EB 2	0		0		0		0	
	NB 1	8.9	A	9	A	9.4	A	9.4	A
Bohemia Pkwy. & 11th Street	WB 1	9	A	9.1	A	9.2	A	9.2	A
	NB 1	0		0		0		0	
	SB 1	2.4	A	2.4	A	4.6	A	4.6	A
Carrie Avenue & Marion Street	WB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	0		0		0		0	
	SB 1	1	A	1	A	1	A	1	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	1.8	A	1.8	A	1.8	A	1.8	A
Lincoln Avenue & Hiddink Street	EB 1	8.4	A	8.6	A	8.6	A	8.6	A
	WB 1	8.6	A	8.8	A	8.8	A	8.8	A
	NB 1	8.7	A	8.8	A	8.8	A	8.8	A
	SB 1	8.9	A	9.1	A	9.1	A	9.1	A
Site Access & 11th Street	EB 1	0		0		0		0	
	WB 1	0		0		4.6	A	4.6	A
	NB 1	0	A	0	A	9.5	A	9.5	A
Terry Road & Site Access	EB 1	0		0		1	A	1	A
	WB 1	0		0		0		0	
	SB 1	0	A	0	A	10.8	B	10.8	B
Chester Road & Site Access	EB 1	0		0		0		0	
	WB 1	0		0		0		3.3	A
	NB 1	0	A	0	A	0	A	9.9	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.5	C	25.1	D	32.5	D	25.5	D
	NB 1	10.3	B	10.7	B	12.1	B	12	B
Lakeland Avenue #1 & Chester Road	EB 1	32.7	D	43.9	E	93.8	F		
	NB 1	0.2	A	0.2	A	0.2	A		
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	20.1	C	24.4	C	27.3	D	27.3	D
	WB 1	20.4	C	26.3	D	30.8	D	30.8	D
	NB 1	0.2	A	0.3	A	0.3	A	0.3	A
	SB 1	0.5	A	0.6	A	0.6	A	0.6	A
Railroad Avenue #1 & Depot Street	EB 1	21.4	C	25.8	D	31.9	D	31.9	D
	NB 1	3.8	A	4.2	A	4.3	A	4.3	A
Railroad Avenue #1 & Hiddink Street	WB 1	18.9	C	22.3	C	23.7	C	23.7	C
	NB 1	0		0		0		0	
	SB 1	4.2	A	4.5	A	4.7	A	4.7	A
Railroad Avenue #1 & Center Street	EB 1	34	D	45.1	E	46.8	E	46.8	E
	NB 1	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB 1	2.3	A	2.9	A	3	A	3	A
	WB 1	0.3	A	0.4	A	0.3	A	0.3	A
	NB 1	62.1	F	144.6	F	131.7	F	131.7	F
	SB 1	19.2	C	23	C	23.4	C	23.4	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.2	A	9.2	A	9.4	A	9.4	A
Bohemia Pkwy. & Terry Road	EB 1	0.2	A	0.2	A	0.2	A	0.2	A
	WB 1	0.1	A	0	A	0	A	0	A
	NB 1	11.8	B	12	B	13.1	B	13.1	B
St. Johns Street & Terry Road	EB 1	0		0		0		0	
	WB 1	0	A	0	A	0	A	0	A
	NB 1	11.2	B	11.4	B	11.8	B	11.8	B
Terry Road & Sterling Place	EB 1	8.8	A	8.9	A	9.2	A	9.2	A
	WB 1	8.2	A	8.3	A	8.6	A	8.6	A
	SB 1	7.4	A	7.4	A	7.6	A	7.6	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Terry Road & Carrie Avenue	EB 1	0	A	0	A	0	A	0	A
	WB 1	0		0		0		0	
	SB 1	9.9	A	10	A	10.3	B	10.3	B
Cherry Avenue & Tariff Street/Terry Road	EB 1	9.8	A	10.1	B	10.7	B	10.7	B
	WB 1	12.3	B	12.9	B	14.1	B	14.1	B
	NB 1	11.1	B	11.6	B	12.5	B	12.5	B
Tariff Street/Terry Road & Chester Road	EB 1	1.9	A	1.9	A	1.8	A	1.8	A
	WB 1	0		0		0		0	
	SB 1	11.2	B	11.5	B	11.8	B	11.8	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0		0	
	EB 2	0		0		0		0	
	NB 1	10	A	10.1	B	10.6	B	10.6	B
Bohemia Pkwy. & 11th Street	WB 1	9.1	A	9.2	A	9.4	A	9.4	A
	NB 1	0		0		0		0	
	SB 1	2.4	A	2.3	A	4.4	A	4.4	A
Carrie Avenue & Marion Street	WB 1	8.7	A	8.8	A	8.7	A	8.7	A
	NB 1	0		0		0		0	
	SB 1	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	6.6	A	6.6	A	6.6	A	6.6	A
Lincoln Avenue & Hiddink Street	EB 1	12	B	12.7	B	12.9	B	12.9	B
	WB 1	10.1	B	10.4	B	10.5	B	10.5	B
	NB 1	11.3	B	11.8	B	12	B	12	B
	SB 1	12.9	B	13.8	B	13.9	B	13.9	B
Site Access & 11th Street	EB 1	0		0		0		0	
	WB 1	0		0		5.2	A	5.2	A
	NB 1	0	A	0	A	11.2	B	11.2	B
Terry Road & Site Access	EB 1	0		0		1.6	A	1.6	A
	WB 1	0		0		0		0	
	SB 1	0	A	0	A	10.7	B	10.7	B
Chester Road & Site Access	EB 1	0		0		0		0	
	WB 1	0		0		0		3	A
	NB 1	0	A	0	A	0	A	9.3	A

**Level of Service Table: Phase 6 School Widening of Lakeland Avenue and Closure of
Chester Road at Lakeland Avenue with Alternative Access**

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue-Closure of Chester Road and Alternative Access

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road with Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	15.8	B	15.9	B	15.9	B	15.9	B
	WBT	65.3	E	83.5	F	83.1	F	83.1	F
	WBR	0.1	A	0.1	A	0.1	A	0.1	A
	NBL	18.8	B	18.8	B	21.2	C	21.2	C
	NBT	7.9	A	7.9	A	8.6	A	8.6	A
	NBR								
Intersection	SBL								
	SBT	20.3	C	20.4	C	20.4	C	20.4	C
	SBR	0.3	A	0.4	A	0.4	A	0.4	A
		51.2	D	64.5	E	63	E	63	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	21.4	C	21.4	C	21.4	C	21.4	C
	EBT	21	C	20.9	C	21	C	21	C
	EBR	0.4	A	0.4	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14	B	14.2	B	14.6	B	14.6	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
Intersection	SBL	5.7	A	5.9	A	5.9	A	5.9	A
	SBT	5.7	A	5.8	A	5.8	A	5.8	A
		12.5	B	12.6	B	12.7	B	12.7	B
Lakeland Avenue #1 & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.7	C	21.4	C	22.4	C	21.8	C
	WBT	70.8	E	101.5	F	113.6	F	101	F
	WBR	19.4	B	21.2	C	21.9	C	21.1	C
	NBL	46.5	D	47.3	D	53.8	D	50.2	D
	NBT	14.6	B	15.3	B	19	B	20.2	C
	NBR								
Intersection	SBL								
	SBT	35.5	D	35.8	D	37.1	D	30.6	C

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue-Closure of Chester Road and Alternative Access

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road with Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Intersection	SBR	42.5	D	43.5	D	45.6	D	38.1	D
		41.6	D	52.9	D	57.2	E	52	D
Lakeland Avenue #1 & NYS Route 27 South Service Road	EBL	29.7	C	32.6	C	42.3	D	30.9	C
	EBT	26	C	27.8	C	35.3	D	24.5	C
	EBR	5.5	A	6.2	A	7.8	A	4.5	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.2	C	33.6	C	35	C	34.3	C
	NBR	15.8	B	17.1	B	16.8	B	17	B
	SBL	39.4	D	40.6	D	40.5	D	38.9	D
Intersection	SBT	14.6	B	14.5	B	14.4	B	15.3	B
		24.7	C	26	C	29.8	C	25.5	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	24.2	C	24.7	C	24.7	C	24.7	C
	WBT	127.1	F	152	F	151.6	F	151.6	F
	WBR	31.1	C	32.3	C	32.3	C	32.3	C
	NBL	39.4	D	39	D	38.3	D	38.3	D
	NBT	17.1	B	16.5	B	16.1	B	16.1	B
	NBR								
	SBL								
Intersection	SBT	19	B	19.1	B	19.1	B	19.1	B
	SBR	21.6	C	21.9	C	21.9	C	21.9	C
		75	E	87	F	86.7	F	86.7	F
Johnson Avenue & NYS Route 27 South Service Road	EBL	34.5	C	35.8	D	36	D	36	D
	EBT	19.5	B	19.6	B	20.1	C	20.1	C
	EBR	19.7	B	19.8	B	19.8	B	19.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.5	B	19.4	B	19.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue - Closure of Chester Road and Alternative Access

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road with Alternative Access	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
	NBR	22.9	C	23.4	C	23.9	C	23.9	C
	SBL	36.9	D	37.4	D	37.7	D	37.7	D
	SBT	14.4	B	14.6	B	14.9	B	14.9	B
	Intersection	24.5	C	24.9	C	25	C	25	C
Lakeland Avenue #1 & Gibbons Court	EBL								
	EBT					35.5	D	29.5	C
	EBR					0.3	A	0.1	A
	WBL	31.2	C	31.2	C				
	WBT					22.1	C	15.6	B
	WBR	13.8	B	13.7	B	6.8	A	0.5	A
	NBL					5.6	A	10	A
	NBT	9.7	A	10.8	B	28.2	C	13.2	B
	NBR								
	SBL	2.5	A	2.6	A	6.8	A	9.9	A
	SBT	3.6	A	3.7	A	11.4	B	13.8	B
	SB R					1.6	A	2.2	A
Intersection		8.3	A	8.9	A	22	C	14.4	B
Lakeland Avenue #1 & Tariff Street/Johnson Avenue	EBL	46.5	D	47.2	D	47.2	D	47.2	D
	EBT	39.8	D	40	D	42.3	D	42.9	D
	EBR								
	WBL								
	WBT	54.5	D	57.8	E	57.9	E	57.8	E
	WBR								
	NBL							16.7	B
	NBT	19.9	B	21.2	C	22	C	19.7	B
	NBR	3.5	A	4	A	4.3	A	3.4	A
	SBL								
	SBT	19	B	20.1	C	20.8	C	20.6	C
	Intersection	29.5	C	30.7	C	31.2	C	30.5	C
Lakeland Avenue #1 &	EBL								
	EBT	23.5	C	24.1	C	24.1	C	24.1	C
	EBR								
	WBL								
	WBT	13.5	B	13.7	B	13.7	B	13.7	B
	WBR								

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road with Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Manton Street	NBL	8	A	8.7	A	8.8	A	8.8	A
	NBT								
	NBR	7.9	A	8.5	A	9.1	A	9.1	A
	SBL								
	SBT	10.9	B	11.4	B	11.5	B	11.5	B
Intersection									
Montauk Highway & Brook Street	EBL	1.4	A	1.5	A	1.6	A	1.6	A
	EBT	1.1	A	1.2	A	1.2	A	1.2	A
	EBR	8.5	A	11.9	B	12.9	B	12.9	B
	WBL								
	WBT								
	WBR								
	NBL	32.8	C	33	C	32.8	C	32.8	C
	NBT								
	NBR								
	SBL								
SBT	20.7	C	24.8	C	26.1	C	26.1	C	
SBR	8.1	A	10.5	B	11.3	B	11.3	B	
Intersection									
Montauk Highway & Cherry Avenue	EBL	3.3	A	3.5	A	3.5	A	3.5	A
	EBT								
	EBR	6.5	A	7.6	A	7.2	A	7.3	A
	WBL								
	WBT								
	WBR								
	NBL	24.1	C	24.1	C	23.6	C	23.6	C
	NBT								
NBR									
SBL									
Intersection		6.7	A	7.4	A	7.1	A	7.2	A
Greene Avenue	EBL	5.4	A	5.9	A	6	A	6	A
	EBT								
	EBR	8	A	9	A	9.1	A	9.1	A
	WBL								
	WBT								

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue - Closure of Chester Road and Alternative Access

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road with Alternative Access	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway	WBR	3.2	A	3.3	A	3.3	A	3.5	A
	NBL	41.5	D	42.5	D	42.4	D	42.4	D
	NBT	28.7	C	28.5	C	28.5	C	28.5	C
	NBR								
	SBL								
	SBT	29.9	C	29.7	C	29.8	C	29.8	C
Intersection		12.5	B	13	B	13	B	13.1	B
Gillette Avenue #1/Railroad Avenue #1 & Montauk Highway	EBL	13.2	B	19.4	B	20.1	C	20.2	C
	EBT	12.2	B	14.9	B	15.2	B	15.2	B
	EBR								
	WBL	12.1	B	12.6	B	12.5	B	12.5	B
	WBT	21	C	28.9	C	29	C	29.2	C
	WBR	4.5	A	5.1	A	5.1	A	5	A
	NBL								
	NBT	42.7	D	43.5	D	43.5	D	43.5	D
	NBR								
	SBL	28.1	C	26.7	C	27.7	C	27.6	C
	SBT	26.1	C	25.5	C	25.6	C	26.3	C
Intersection		21.5	C	25.4	C	25.6	C	25.8	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	20.3	C	21.3	C	21.2	C	30.8	C
	EBT	19.7	B	19.3	B	19.2	B	20.7	C
	EBR								
	WBL	2.7	A	3	A	3	A	3	A
	WBT	4.4	A	5.7	A	5.7	A	6.3	A
	WBR								
	NBL								
	NBT	28	C	28.1	C	28	C	28	C
	NBR								
	SBL								
	SBT	30.3	C	30.6	C	30.5	C	30.5	C
	SBR	0.7	A	0.8	A	0.8	A	0.8	A
Intersection		8.9	A	9.8	A	9.8	A	10.8	B
	EBL	0.4	A	0.6	A	0.6	A	2.8	A
	EBT	1.3	A	1.3	A	1.3	A	2.5	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue - Closure of Chester Road and Alternative Access

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road with Alternative Access	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Foster Avenue/Shopping Center & Montauk Highway	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	10	A	8.5	A	8.2	A	16.7	B
	WBT	27.8	C	28.8	C	28.5	C	38.6	D
	WBR								
	NBL								
	NBT	43.1	D	46.1	D	45.9	D	45.9	D
	NBR	3.2	A	3.7	A	3.7	A	3.7	A
	SBL								
	SBT	18.5	B	18.2	B	18.6	B	18.6	B
Intersection		20.5	C	21.2	C	20.9	C	26.6	C
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	39.3	D	39.9	D	40.5	D	39.2	D
	EBR								
	WBL								
	WBT	25.7	C	24.8	C	24.8	C	25.5	C
	WBR								
	NBL	4.4	A	5.3	A	5.6	A	4	A
	NBT	4.5	A	5.4	A	5.8	A	3.7	A
	NBR								
	SBL	4.7	A	5	A	5	A	4.7	A
	SBT	10.2	B	11.8	B	12.2	B	9.3	A
Intersection		11.3	B	12.5	B	12.9	B	10.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	15.9	B	17.6	B	17.6	B	17.6	B
	EBR								
	WBL								
	WBT	16.6	B	18.6	B	18.5	B	18.5	B
	WBR								
	NBL								
	NBT	20.2	C	22.2	C	22.2	C	22.2	C
	NBR								
	SBL	7.5	A	9	A	9	A	9	A
	SBT	7.5	A	9	A	9	A	9	A
	SBR								
	NWL	7.5	A	9	A	9.1	A	9.1	A

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue-Closure of Chester Road and Alternative Access

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road with Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Intersection		9.8	A	11.4	B	10.9	B	10.9	B
Cherry Avenue & Brook Street	EBL	14	B	14.6	B	14.6	B	14.6	B
	EBT								
	EBR								
	WBL								
	WBT	11.4	B	11.7	B	11.7	B	11.7	B
	WBR								
	NBL								
	NBT	13.7	B	14.2	B	14.2	B	14.2	B
	NBR								
	SBL								
	SBT	12.5	B	12.8	B	13.6	B	13.6	B
Intersection		13.2	B	13.6	B	13.8	B	13.8	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue - Closure of Chester Road and Alternative Access

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.7	B	18.8	B	18.8	B	18.8	B
	WBT	71.5	E	90.6	F	90.2	F	90.2	F
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	17.4	B	17.6	B	19.1	B	19.1	B
	NBT	4	A	4.2	A	3.8	A	3.8	A
	NBR								
	SBL								
SBT	20.1	C	20.2	C	20.2	C	20.2	C	
SBR	1.8	A	2	A	2	A	2	A	
Intersection		47.6	D	59.2	E	58.3	E	58.3	E
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.9	B	20	C	20	B	20	B
	EBT	21.2	C	21.3	C	21.5	C	21.5	C
	EBR	0.8	A	0.8	A	2.8	A	2.8	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.7	B	17.8	B	18.2	B	18.2	B
	NBR	0.2	A	0.2	A	0.2	A	0.2	A
	SBL	2.5	A	2.7	A	2.8	A	2.8	A
SBT	2.4	A	2.5	A	2.5	A	2.5	A	
Intersection		12	B	12.1	B	12.3	B	12.3	B
Lakeland Avenue #1 & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	29.4	C	30.2	C	34	C	32.2	C
	WBT	139.7	F	165.9	F	165.2	F	146.7	F
	WBR	9.6	A	12.6	B	16.2	B	15.5	B
	NBL	46	D	44.8	D	47.4	D	46.4	D
	NBT	15.5	B	15.8	B	17.2	B	21.1	C
	NBR								
	SBL								
SBT	67.7	E	91.3	F	143	F	62.8	E	

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue - Closure of Chester Road and Alternative Access

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Intersection	SBR	89.3	F	112.8	F	159.8	F	54.1	D
		78	E	94.4	F	109.9	F	73.6	E
Lakeland Avenue #1 & NYS Route 27 South Service Road	EBL	28	C	29.5	C	32.1	C	25.1	C
	EBT	24.8	C	25.6	C	27.7	C	24.4	C
	EBR	6.2	A	8.4	A	18.2	B	18.6	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	31.1	C	31.9	C	32.8	C	32.9	C
	NBR	20.5	C	21.6	C	21	C	21.5	C
	SBL	44.5	D	44.1	D	41.7	D	45.6	D
Intersection	SBT	28.2	C	27.5	C	26.2	C	26.3	C
		26.8	C	27.4	C	28.4	C	27.6	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	24.7	C	24.7	C	24.7	C
	WBT	76.9	E	97.3	F	96.6	F	96.6	F
	WBR	22.8	C	23.3	C	23.3	C	23.3	C
	NBL	30.4	C	30.6	C	30.7	C	30.7	C
	NBT	12.8	B	12.5	B	12.5	B	12.5	B
	NBR								
	SBL								
Intersection	SBT	20.1	C	22.6	C	22.6	C	22.6	C
	SBR	80.1	F	143.1	F	143.1	F	143.1	F
Intersection		52.5	D	71.7	E	71.5	E	71.5	E
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.4	C	23.6	C	23.6	C	23.6	C
	EBT	20.8	C	20.8	C	20.8	C	20.8	C
	EBR	18.7	B	18.7	B	18.7	B	18.7	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22	C	22.4	C	22.3	C	22.3	C

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue-Closure of Chester Road and Alternative Access

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Chester Road	NBR	29.6	C	31.9	C	31.8	C	31.8	C
	SBL	41.2	D	39.6	D	39.6	D	39.6	D
	SBT	7.6	A	8.1	A	8.1	A	8.1	A
	Intersection	23.6	C	23.5	C	23.5	C	23.5	C
Lakeland Avenue #1 & Gibbons Court	EBL								
	EBT					34.8	C	42.7	D
	EBR					0.3	A	0.2	A
	WBL	32.4	C	32.4	C				
	WBT					25.1	C	27.4	C
	WBR	14	B	13.9	B	2.4	A	1.6	A
	NBL					4.9	A	5.2	A
	NBT	8.9	A	9.5	A	19.5	B	9.8	A
	NBR								
	SBL	2.5	A	2.6	A	5.6	A	5.7	A
	SBT	5.5	A	6	A	20.9	C	19	B
	SB R					5.2	A	4.1	A
	Intersection	7.4	A	8	A	18.9	B	15	B
Lakeland Avenue #1 & Tariff Street/Johnson Avenue	EBL	45.9	D	47.1	D	47.3	D	46.3	D
	EBT	45	D	46	D	48.3	D	47.5	D
	EBR								
	WBL								
	WBT	103.1	F	149.5	F	158.8	F	136.6	F
	WBR								
	NBL							32.4	C
	NBT	23.8	C	28.9	C	69.2	E	21	C
	NBR	4	A	4.6	A	5.4	A	4.6	A
	SBL								
	SBT	25.2	C	26.9	C	27.6	C	29.2	C
	Intersection	42.4	D	54.4	D	64.8	E	50.3	D
Lakeland Avenue #1 & Johnson Avenue	EBL								
	EBT	21.2	C	21.5	C	21.5	C	21.5	C
	EBR								
	WBL								
	WBT	15.7	B	15.7	B	15.8	B	15.8	B
	WBR								

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Manton Street & Montauk Highway	NBL	8.5	A	9.2	A	9.8	A	9.8	A
	NBT								
	NBR								
	SBL	12.2	B	14.4	B	15.3	B	15.3	B
	SBT								
Intersection		12	B	13.3	B	13.9	B	13.9	B
Montauk Highway & Brook Street	EBL	2.7	A	3.3	A	3.5	A	3.5	A
	EBT	2.7	A	3.1	A	3.2	A	3.2	A
	EBR	6.9	A	8.8	A	9.6	A	9.6	A
	WBL								
	WBT								
	WBR								
	NBL	50.2	D	50.2	D	50.4	D	50.4	D
	NBT								
	NBR								
	SBL								
	SBT	15.3	B	22.9	C	24.4	C	24.4	C
SBR	15.3	B	22.9	C	24.4	C	24.4	C	
Intersection		5.9	A	7.5	A	8.1	A	8.1	A
Montauk Highway & Cherry Avenue	EBL	10.5	B	13.6	B	16	B	16	B
	EBT								
	EBR								
	WBL	7.2	A	8.6	A	9	A	9	A
	WBT								
	WBR								
	NBL	37	D	38.2	D	37.9	D	37.9	D
	NBT								
	NBR								
SBL	37	D	38.2	D	37.9	D	37.9	D	
Intersection		11.3	B	13.3	B	14.6	B	14.6	B
Greene Avenue	EBL	10.4	B	11.4	B	11.7	B	11.7	B
	EBT								
	EBR								
	WBL	6.3	A	7.9	A	7.7	A	7.7	A
	WBT								

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis - Widening of Lakeland Avenue - Closure of Chester Road and Alternative Access

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
& Montauk Highway	WBR	2.4	A	2.1	A	1.9	A	1.9	A
	NBL	63.9	E	67.6	E	68.3	E	68.3	E
	NBT	33.2	C	32.9	C	32.9	C	32.9	C
	NBR								
	SBL								
	SBT	53.5	D	54.2	D	54	D	54	D
Intersection		17.2	B	18.1	B	18.1	B	18.1	B
Gillette Avenue #1/Railroad Avenue #1 & Montauk Highway	EBL	12.2	B	11.2	B	11.4	B	11.4	B
	EBT	19.5	B	17.9	B	17.7	B	17.7	B
	EBR								
	WBL	16	B	18.5	B	19	B	19	B
	WBT	18.8	B	22.4	C	23.2	C	23.2	C
	WBR	6.8	A	7.2	A	7.6	A	7.6	A
	NBL								
	NBT	53.2	D	52.9	D	53.1	D	53.1	D
	NBR								
	SBL	54.9	D	71.8	E	71.9	E	71.9	E
	SBT	31.6	C	35	D	35.8	D	35.8	D
Intersection		27.4	C	30.2	C	30.4	C	30.4	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	22.7	C	23.6	C	23.5	C	23.5	C
	EBT	38.6	D	51.8	D	53	D	53	D
	EBR								
	WBL	2	A	2.1	A	2.2	A	2.2	A
	WBT	2.5	A	2.8	A	3	A	3	A
	WBR								
	NBL								
	NBT	29.2	C	28.4	C	28.9	C	28.9	C
	NBR								
	SBL								
	SBT	41.4	D	40.8	D	40.6	D	40.6	D
	SBR	8.1	A	8.5	A	8.4	A	8.4	A
Intersection		20.6	C	25.7	C	26.1	C	26.1	C
Foster	EBL	0.5	A	0.4	A	0.4	A	0.4	A
	EBT	3.2	A	4	A	4.1	A	4.1	A
	EBR	0.1	A	0	A	0	A	0	A

NELSON & POPE

Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue-Closure of Chester Road and Alternative Access

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Foster Avenue/Shopp ing Center & Montauk Highway	WBL	19.1	B	26.3	C	27.2	C	27.2	C
	WBT	16.4	B	18.3	B	18.4	B	18.4	B
	WBR								
	NBL								
	NBT	48.7	D	48.2	D	48	D	48	D
	NBR	8.2	A	8.1	A	8.1	A	8.1	A
	SBL								
	SBT	26.3	C	26.3	C	26.2	C	26.2	C
Intersection		14.2	B	15.6	B	15.7	B	15.7	B
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	55.5	E	55.5	E	55.5	E
	EBR								
	WBL								
	WBT	14.5	B	14.9	B	14.9	B	14.9	B
	WBR								
	NBL	13.4	B	13.8	B	14	B	14	B
	NBT	20.9	C	21.4	C	21.5	C	21.5	C
	NBR								
	SBL	7	A	6.5	A	6.5	A	6.5	A
	SBT	12.7	B	13.9	B	14.2	B	14.2	B
Intersection		21	C	21.9	C	22.1	C	22.1	C
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	17.4	B	19.3	B	17.4	B	17.4	B
	EBR								
	WBL								
	WBT	17.3	B	19.4	B	17.4	B	17.4	B
	WBR								
	NBL								
	NBT	17.5	B	19.5	B	17.5	B	17.5	B
	NBR								
	SBL	6.3	A	7.9	A	6.3	A	6.3	A
	SBT	6.2	A	7.8	A	6.3	A	6.3	A
	SBR								
	NWL	6.3	A	7.9	A	6.4	A	6.4	A
Intersection		8.9	A	10.6	B	8.6	A	8.6	A
	EBL								

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Project Name:Grey Barn Island Hills

Phase 6 Analysis -Widening of Lakeland Avenue-Closure of Chester Road and Alternative Access

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation -Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Brook Street	EBT	11.5	B	13	B	13.5	B	13.5	B
	EBR								
	WBL								
	WBT	12.5	B	14.1	B	14.5	B	14.5	B
	WBR								
	NBL								
	NBT	9.5	A	9.8	A	9.7	A	9.7	A
	NBR								
Intersection	SBL								
	SBT	13.2	B	15.5	B	15.8	B	15.8	B
		12.1	B	13.6	B	14	B	14	B

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Project Name: Grey Barn Island Hills

Phase 6 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.6	C	25.3	D	41.8	E	13.8	B
	NB 1	9.1	A	9.3	A	9.6	A	9.6	A
Lakeland Avenue #1 & Chester Road	EB 1	19.5	C	22	C	25	D		
	NB 1	0.1	A	0.2	A	0.1	A		
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	12.7	B	13.6	B	13.7	B	13.7	B
	WB 1	13.9	B	15.1	C	15.5	C	15.5	C
	NB 1	0.8	A	0.8	A	0.8	A	0.8	A
	SB 1	0.3	A	0.3	A	0.2	A	0.2	A
Railroad Avenue #1 & Depot Street	EB 1	10.7	B	11.2	B	11.9	B	11.9	B
	NB 1	8.5	A	8.6	A	8.8	A	2.6	A
Railroad Avenue #1 & Hiddink Street	WB 1	10.6	B	11	B	11.2	B	11.2	B
	NB 1	0		0		0		0	
	SB 1	3.1	A	3.1	A	3.3	A	3.3	A
Railroad Avenue #1 & Center Street	EB 1	12.7	B	13.5	B	13.8	B	13.8	B
	NB 1	0.9	A	0.9	A	0.9	A	0.9	A
Shopping Center/Greeley Avenue & Montauk Highway	EB 1	2.1	A	2.4	A	2.4	A	2.4	A
	WB 1	0	A	0	A	0	A	0	A
	NB 1	10.6	B	11	B	11	B	11	B
	SB 1	20.3	C	23.3	C	24.1	C	24.1	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.5	A	9.6	A	9.9	A	9.9	A
Bohemia Pkwy. & Terry Road	EB 1	0.3	A	0.3	A	0.2	A	0.2	A
	WB 1	0		0		0		0	
	NB 1	11.3	B	11.5	B	12.5	B	12.5	B
St. Johns Street & Terry Road	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	NB 1	10.5	B	10.6	B	11.1	B	11.1	B
Terry Road &	EB 1	7.9	A	8	A	8.3	A	8.3	A

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Project Name: Grey Barn Island Hills

Phase 6 Analysis with Calibartion

Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Terry Road & Sterling Place	WB 1	8.2	A	8.3	A	8.4	A	8.4	A
	SB 1	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.6	A	9.7	A	9.9	A	10.2	B
Cherry Avenue & Tariff Street/Terry Road	EB 1	8.2	A	8.3	A	8.7	A	8.8	A
	WB 1	10.6	B	10.9	B	11.3	B	11.3	B
	NB 1	9.5	A	9.7	A	10.1	B	10.1	B
Tariff Street/Terry Road & Chester Road	EB 1	2.1	A	2.1	A	1.9	A	1.9	A
	WB 1	0		0		0		0	
	SB 1	10.1	B	10.2	B	10.3	B	10.3	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0		0	
	EB 2	0		0		0		0	
	NB 1	8.9	A	9	A	9.4	A	9.5	A
Bohemia Pkwy. & 11th Street	WB 1	9	A	9.1	A	9.2	A	9.3	A
	NB 1	0		0		0		0	
	SB 1	2.4	A	2.4	A	4.6	A	4.6	A
Carrie Avenue & Marion Street	EB1							8.4	A
	WB 1	8.8	A	8.8	A	8.8	A	8.9	A
	NB 1	0		0		0		0.6	A
	SB 1	1	A	1	A	1	A	1	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A	8.8	A
	NB 1	1.8	A	1.8	A	1.8	A	1.5	A
Lincoln Avenue & Hiddink Street	EB 1	8.4	A	8.6	A	8.6	A	8.6	A
	WB 1	8.6	A	8.8	A	8.8	A	8.8	A
	NB 1	8.7	A	8.8	A	8.8	A	8.8	A
	SB 1	8.9	A	9.1	A	9.1	A	9.1	A
Site Access & 11th Street	EB 1	0		0		0		0	
	WB 1	0		0		4.6	A	4.6	A
	NB 1	0	A	0	A	9.5	A	9.5	A
Terry Road & Site	EB 1	0		0		1	A	0.7	A

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Project Name:Grey Barn Island Hills
Phase 6 Analysis with Calibartion
Level of Service Summary Table

		AM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Ferry Road & Site Access	WB 1	0		0		0		0	
	SB 1	0	A	0	A	10.8	B	10.5	B
Chester Road & Site Access	EB 1	0		0		0		0	
	WB 1	0		0		0		3.6	A
	NB 1	0	A	0	A	0	A	9.8	A
Bohemia Parkway & Site Access	WB 1	0		0		0		8.7	A
	NB 1	0		0		0		0	A
	SB 1	0	A	0	A	0	A	3	A

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Project Name: Grey Barn Island Hills

Phase 6 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue #1 & 11th Street	EB 1	22.5	C	25.1	D	32.5	D	25.5	D
	NB 1	10.3	B	10.7	B	12.1	B	12	B
Lakeland Avenue #1 & Chester Road	EB 1	32.7	D	43.9	E	93.8	F		
	NB 1	0.2	A	0.2	A	0.2	A		
Lakeland Avenue #1 & LIRR North Parking Lot/Henry Street	EB 1	20.1	C	24.4	C	27.3	D	27.3	D
	WB 1	20.4	C	26.3	D	30.8	D	30.8	D
	NB 1	0.2	A	0.3	A	0.3	A	0.3	A
	SB 1	0.5	A	0.6	A	0.6	A	0.6	A
Railroad Avenue #1 & Depot Street	EB 1	21.4	C	25.8	D	31.9	D	31.9	D
	NB 1	3.8	A	4.2	A	4.3	A	4.3	A
Railroad Avenue #1 & Hiddink Street	WB 1	18.9	C	22.3	C	23.7	C	23.7	C
	NB 1	0		0		0		0	
	SB 1	4.2	A	4.5	A	4.7	A	4.7	A
Railroad Avenue #1 & Center Street	EB 1	34	D	45.1	E	46.8	E	46.8	E
	NB 1	2.1	A	2.2	A	2.2	A	2.2	A
Shopping Center/Greeley Avenue & Montauk Highway	EB 1	2.3	A	2.9	A	3	A	3	A
	WB 1	0.3	A	0.4	A	0.3	A	0.3	A
	NB 1	62.1	F	144.6	F	131.7	F	131.7	F
	SB 1	19.2	C	23	C	23.4	C	23.4	C
Terry Road & Bohemia Pkwy. SB	EB 1	0		0		0		0	
	WB 1	0		0		0		0	
	SB 1	9.2	A	9.2	A	9.4	A	9.4	A
Bohemia Pkwy. & Terry Road	EB 1	0.2	A	0.2	A	0.2	A	0.2	A
	WB 1	0.1	A	0	A	0	A	0	A
	NB 1	11.8	B	12	B	13.1	B	13.2	B
St. Johns Street & Terry Road	EB 1	0		0		0		0	
	WB 1	0	A	0	A	0	A	0	A
	NB 1	11.2	B	11.4	B	11.8	B	11.9	B
Terry Road &	EB 1	8.8	A	8.9	A	9.2	A	9.2	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Calibartion

Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/ Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Terry Road & Sterling Place	WB 1	8.2	A	8.3	A	8.6	A	8.6	A
	SB 1	7.4	A	7.4	A	7.6	A	7.6	A
Terry Road & Carrie Avenue	EB 1	0	A	0	A	0	A	0	A
	WB 1	0		0		0		0	
	SB 1	9.9	A	10	A	10.3	B	10.7	B
Cherry Avenue & Tariff Street/Terry Road	EB 1	9.8	A	10.1	B	10.7	B	10.8	B
	WB 1	12.3	B	12.9	B	14.1	B	14.2	B
	NB 1	11.1	B	11.6	B	12.5	B	12.6	B
Tariff Street/Terry Road & Chester Road	EB 1	1.9	A	1.9	A	1.8	A	1.9	A
	WB 1	0		0		0		0	
	SB 1	11.2	B	11.5	B	11.8	B	11.8	B
Bohemia Pkwy. & NYS Route 27 South Service	EB 1	0		0		0		0	
	EB 2	0		0		0		0	
	NB 1	10	A	10.1	B	10.6	B	10.7	B
Bohemia Pkwy. & 11th Street	WB 1	9.1	A	9.2	A	9.4	A	9.4	A
	NB 1	0		0		0		0	
	SB 1	2.4	A	2.3	A	4.4	A	4.4	A
Carrie Avenue & Marion Street	EB1							8.4	A
	WB 1	8.7	A	8.8	A	8.7	A	8.8	A
	NB 1	0		0		0		1.2	A
	SB 1	1.4	A	1.3	A	1.4	A	1.4	A
Carrie Avenue & Sterling Place	EB 1	8.8	A	8.8	A	8.8	A	8.9	A
	NB 1	6.6	A	6.6	A	6.6	A	4.6	A
Lincoln Avenue & Hiddink Street	EB 1	12	B	12.7	B	12.9	B	12.9	B
	WB 1	10.1	B	10.4	B	10.5	B	10.5	B
	NB 1	11.3	B	11.8	B	12	B	12	B
	SB 1	12.9	B	13.8	B	13.9	B	13.9	B
Site Access & 11th Street	EB 1	0		0		0		0	
	WB 1	0		0		5.2	A	5.2	A
	NB 1	0	A	0	A	11.2	B	11.2	B
Terry Road & Site	EB 1	0		0		1.6	A	1.2	A

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 6 Analysis with Calibartion
Level of Service Summary Table

		PM School Peak							
Intersections		Existing		No Build Phase 6 with OPD		Build Phase 6 with OPD		Build Phase 6 with OPD with Mitigation - Widening of Lakeland Avenue and closure of Chester Road With Alternative Access	
Intersection	Approach/Movement	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Ferry Road & Site Access	WB 1	0		0		0		0	
	SB 1	0	A	0	A	10.7	B	10.4	B
Chester Road & Site Access	EB 1	0		0		0		0	
	WB 1	0		0		0		3	A
	NB 1	0	A	0	A	0	A	9.2	A
Bohemia Parkway & Site Access	WB 1	0		0		0		8.7	
	NB 1	0		0		0		0	A
	SB 1	0	A	0	A	0	A	3.8	A

Level of Service Table: Phase 6 Summer

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.1	B	17.0	B	17.0	B	17.0	B
	WBT	18.6	B	18.5	B	18.5	B	18.5	B
	WBR	0.2	A	0.2	A	0.2	A	0.2	A
	NBL	17.5	B	18.1	B	21.2	C	21.2	C
	NBT	6.9	A	7.3	A	8.9	A	8.9	A
	NBR								
	SBL								
	SBT	18.8	B	19.1	B	19.1	B	19.1	B
	SBR	0.2	A	0.2	A	0.2	A	0.2	A
Intersection		14.4	B	14.4	B	15.6	B	15.6	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.4	C	20.5	C	20.2	C	20.2	C
	EBT	21.2	C	21.2	C	21.0	C	21.0	C
	EBR	0.4	A	0.5	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14.8	B	15.0	B	16.3	B	16.3	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	8.0	A	8.1	A	8.4	A	8.4	A
	SBT	7.7	A	7.8	A	7.9	A	7.9	A
Intersection		13.5	B	13.6	B	13.9	B	13.9	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.8	C	23.8	C	24.8	C	24.1	C
	WBT	25.3	C	25.3	C	25.5	C	24.9	C
	WBR	28.6	C	30.6	C	31.0	C	29.7	C
	NBL	53.5	D	54.4	D	62.3	E	57.9	E
	NBT	13.8	B	15.0	B	18.3	B	19.2	B
	NBR								
	SBL								
	SBT	30.5	C	32.0	C	33.9	C	29.7	C
	SBR	34.5	C	36.7	D	40.0	D	33.4	C
Intersection		26.0	C	27.1	C	29.7	C	28.3	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	34.0	C	36.4	D	50.3	D	31.0	C
	EBT	28.1	C	29.6	C	38.8	D	25.6	C
	EBR	6.1	A	6.7	A	8.3	A	4.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.4	C	34.2	C	36.4	D	37.0	D
	NBR	15.6	B	16.3	B	16.3	B	16.7	B
	SBL	42.9	D	43.7	D	43.8	D	41.2	D
	SBT	13.5	B	13.2	B	13.1	B	14.5	B
Intersection		26.2	C	27.3	C	32.3	C	26.3	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.3	C	23.3	C	23.3	C
	WBT	25.0	C	25.1	C	25.1	C	25.1	C
	WBR	37.1	D	38.7	D	38.7	D	38.7	D
	NBL	35.9	D	35.0	C	34.9	C	34.9	C
	NBT	19.8	B	19.5	B	19.6	B	19.6	B
	NBR								
	SBL								
	SBT	17.1	B	18.2	B	18.1	B	18.1	B
	SBR	19.4	B	21.0	C	21.0	C	21.0	C
Intersection		25.3	C	25.8	C	25.8	C	25.8	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	31.9	C	32.5	C	32.4	C	32.4	C
	EBT	19.7	B	19.7	B	19.7	B	19.7	B
	EBR	19.9	B	19.8	B	19.8	B	19.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	20.5	C	20.8	C	20.8	C	20.8	C
	NBR	23.3	C	23.8	C	23.8	C	23.8	C
	SBL	42.5	D	42.8	D	42.8	D	42.8	D
	SBT	12.6	B	12.9	B	12.9	B	12.9	B
Intersection		25.0	C	25.3	C	25.3	C	25.3	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					36.8	D	39.7	D
	EBR					0.3	A	0.3	A
	WBL	30.7	C	30.7	C				
	WBT					22.3	C	23.0	C
	WBR	13.9	B	13.9	B	4.7	A	3.5	A
	NBL					5.6	A	5.4	A
	NBT	8.8	A	10.3	B	24.9	C	19.9	B
	NBR								
	SBL	2.3	A	2.5	A	6.4	A	6.2	A
	SBT	4.4	A	5.5	A	18.0	B	16.8	B
	SBR					1.6	A	1.1	A
Intersection		7.1	A	8.3	A	21.4	C	19.2	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.6	D	47.0	D	47.5	D	47.5	D
	EBT	38.9	D	39.0	D	42.2	D	42.2	D
	EBR								
	WBL								
	WBT	59.7	E	63.9	E	65.8	E	65.8	E
	WBR								
	NBL							17.2	B
	NBT	20.2	C	21.1	C	21.7	C	20.3	C
	NBR	3.5	A	3.5	A	3.5	A	3.5	A
	SBL								
	SBT	22.3	C	23.6	C	24.4	C	24.4	C
Intersection		31.8	C	33.3	C	34.3	C	33.9	C
Lakeland Avenue & Manton Street	EBL								
	EBT	21.7	C	21.8	C	21.8	C	21.8	C
	EBR								
	WBL								
	WBT	14.5	B	14.7	B	14.7	B	14.7	B
	WBR								
	NBL								
	NBT	5.9	A	6.0	A	6.1	A	6.1	A
	NBR								
	SBL								
	SBT	6.8	A	7.1	A	7.6	A	7.6	A
Intersection		8.1	A	8.3	A	8.5	A	8.5	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.3	A	1.4	A	1.4	A	1.4	A
	EBT	1.2	A	1.3	A	1.3	A	1.3	A
	EBR								
	WBL								
	WBT	5.5	A	5.8	A	5.9	A	5.9	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	33.1	C	33.2	C	33.1	C	33.1	C
	SBT								
	SBR	12.9	B	12.9	B	12.9	B	12.9	B
Intersection		4.8	A	4.9	A	5.0	A	5.0	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	4.0	A	4.2	A	4.3	A	4.3	A
	EBR								
	WBL								
	WBT	4.5	A	4.7	A	4.8	A	4.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23.0	C	23.1	C	22.5	C	22.5	C
Intersection		6.0	A	6.1	A	6.2	A	6.2	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	5.9	A	5.9	A	5.9	A
	EBR								
	WBL								
	WBT	6.7	A	6.8	A	6.8	A	6.8	A
	WBR	5.2	A	5.0	A	4.9	A	4.9	A
	NBL	36.0	D	36.7	D	36.7	D	36.7	D
	NBT	28.9	C	28.8	C	28.8	C	28.8	C
	NBR								
	SBL								
	SBT	38.8	D	39.3	D	39.1	D	39.1	D
Intersection		12.1	B	12.3	B	12.2	B	12.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	10.2	B	10.8	B	11.1	B	11.1	B
	EBT	10.3	B	11.0	B	11.3	B	11.3	B
	EBR								
	WBL	11.1	B	11.0	B	11.0	B	11.2	B
	WBT	12.6	B	13.1	B	13.2	B	13.3	B
	WBR	2.9	A	3.3	A	3.4	A	3.3	A
	NBL								
	NBT	41.9	D	42.1	D	42.1	D	42.1	D
	NBR								
	SBL	32.2	C	34.1	C	34.4	C	34.4	C
	SBT	26.9	C	27.4	C	28.0	C	28.0	C
Intersection		17.5	B	18.1	B	18.5	B	18.5	B
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	21.5	C	21.3	C	21.0	C	21.0	C
	EBT	25.4	C	25.1	C	25.2	C	25.2	C
	EBR								
	WBL	0.9	A	1.4	A	1.4	A	1.3	A
	WBT	2.2	A	2.7	A	2.7	A	2.6	A
	WBR								
	NBL								
	NBT	19.3	B	18.6	B	19.3	B	19.3	B
	NBR								
	SBL								
	SBT	28.9	C	28.9	C	28.9	C	28.9	C
	SBR	0.5	A	0.5	A	0.5	A	0.5	A
Intersection		10.9	B	11.0	B	11.2	B	11.1	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.3	A	0.3	A	0.3	A	0.3	A
	EBT	1.6	A	1.6	A	1.6	A	1.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	12.9	B	11.5	B	11.3	B	14.5	B
	WBT	22.6	C	21.5	C	21.1	C	25.5	C
	WBR								
	NBL								
	NBT	47.3	D	49.9	D	50.3	D	50.3	D
	NBR	2.7	A	3.2	A	3.1	A	3.1	A
	SBL								
	SBT	19.5	B	19.9	B	19.7	B	19.7	B
Intersection		17.4	B	17.3	B	17.1	B	19.0	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	44.2	D	44.2	D	44.4	D	43.0	D
	EBR								
	WBL								
	WBT	16.6	B	16.8	B	16.0	B	16.6	B
	WBR								
	NBL	5.1	A	5.7	A	6.0	A	4.6	A
	NBT	6.0	A	6.8	A	7.2	A	5.1	A
	NBR								
	SBL	6.0	A	6.0	A	6.5	A	6.0	A
	SBT	11.9	B	13.1	B	13.5	B	10.7	B
Intersection		14.0	B	14.8	B	15.3	B	13.0	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.0	B	15.9	B	15.9	B	15.9	B
	EBR								
	WBL								
	WBT	16.2	B	16.1	B	16.1	B	16.1	B
	WBR								
	NBL								
	NBT	20.1	C	19.9	B	20.0	B	20.0	B
	NBR								
	SBL	7.6	A	7.7	A	7.6	A	7.6	A
	SBT	7.9	A	7.9	A	7.9	A	7.9	A
	SBR								
	NWL	7.6	A	7.6	A	7.7	A	7.7	A
Intersection		10.6	B	10.7	B	10.0	B	10.0	B
Cherry Avenue & Brook Street	EBL								
	EBT	9.6	A	9.7	A	10.9	B	10.9	B
	EBR								
	WBL								
	WBT	9.1	A	9.1	A	10.0	A	10.0	A
	WBR								
	NBL								
	NBT	8.5	A	8.5	A	9.2	A	9.2	A
	NBR								
	SBL								
	SBT	9.2	A	9.3	A	10.5	B	10.5	B
Intersection		9.2	A	9.3	A	10.3	B	10.3	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.6	B	17.6	B	17.6	B
	WBT	39.8	D	48.7	D	48.5	D	48.5	D
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	16.1	B	16.3	B	17.9	B	17.9	B
	NBT	3.2	A	3.4	A	3.0	A	3.0	A
	NBR								
	SBL								
	SBT	20.3	C	20.5	C	20.5	C	20.5	C
	SBR	0.6	A	0.7	A	0.7	A	0.7	A
Intersection		28.8	C	34.4	C	34.0	C	34.0	C
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.4	B	19.5	B	19.4	B	19.4	B
	EBT	21.9	C	22.2	C	22.1	C	22.1	C
	EBR	0.6	A	0.7	A	2.4	A	2.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	16.3	B	16.4	B	16.6	B	16.6	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.4	A	3.4	A	3.4	A
	SBT	2.3	A	2.6	A	2.6	A	2.6	A
Intersection		13.6	B	13.8	B	13.6	B	13.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.7	C	32.0	C	32.0	C
	WBT	47.1	D	57.0	E	45.5	D	45.5	D
	WBR	5.2	A	7.0	A	10.4	B	10.4	B
	NBL	49.6	D	49.6	D	53.6	D	50.9	D
	NBT	15.0	B	15.0	B	15.2	B	17.4	B
	NBR								
	SBL								
	SBT	67.8	E	85.2	F	128.5	F	47.5	D
	SBR	90.3	F	108.2	F	152.0	F	49.9	D
Intersection		48.7	D	58.2	E	72.5	E	39.4	D

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.9	C	26.3	C	29.7	C	23.9	C
	EBT	23.4	C	23.4	C	25.6	C	24.6	C
	EBR	7.3	A	8.9	A	15.6	B	16.5	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	34.5	C	36.0	D	35.2	D	33.6	C
	NBR	17.6	B	18.9	B	17.6	B	17.2	B
	SBL	44.5	D	45.7	D	43.9	D	50.1	D
	SBT	31.8	C	32.0	C	29.1	C	28.4	C
Intersection		28.4	C	29.1	C	29.2	C	28.8	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	19.1	B	19.2	B	19.2	B	19.2	B
	WBT	21.9	C	22.3	C	22.3	C	22.3	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	25.9	C	26.0	C	25.8	C	25.8	C
	NBT	13.8	B	13.8	B	13.8	B	13.8	B
	NBR								
	SBL								
	SBT	18.3	B	18.6	B	18.6	B	18.6	B
	SBR	68.8	E	85.6	F	85.1	F	85.1	F
Intersection		33.4	C	38.3	D	38.1	D	38.1	D
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.2	C	23.4	C	23.4	C	23.4	C
	EBT	20.5	C	20.6	C	20.6	C	20.6	C
	EBR	18.2	B	18.2	B	18.2	B	18.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	23.1	C	23.5	C	23.5	C	23.5	C
	NBR	28.2	C	29.7	C	29.7	C	29.7	C
	SBL	47.4	D	47.6	D	47.7	D	47.7	D
	SBT	6.2	A	6.3	A	6.2	A	6.2	A
Intersection		25.3	C	25.6	C	25.6	C	25.6	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL								
	EBT					33.4	C	39.0	D
	EBR					0.3	A	0.3	A
	WBL	33.4	C	33.4	C				
	WBT					25.4	C	28.3	C
	WBR	14.0	B	14.0	B	5.6	A	4.8	A
	NBL					4.9	A	4.8	A
	NBT	9.8	A	10.3	B	15.9	B	12.9	B
	NBR								
	SBL	2.7	A	2.8	A	5.3	A	5.2	A
	SBT	6.4	A	6.9	A	20.2	C	15.9	B
	SBR					5.3	A	3.6	A
Intersection		8.4	A	8.9	A	17.2	B	14.7	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.2	D	43.6	D	43.9	D	43.9	D
	EBT	41.8	D	42.1	D	43.8	D	43.8	D
	EBR								
	WBL								
	WBT	47.1	D	47.9	D	48.3	D	48.3	D
	WBR								
	NBL							17.5	B
	NBT	18.4	B	19.6	B	22.4	C	18.5	B
	NBR	4.3	A	4.8	A	5.5	A	4.6	A
	SBL								
	SBT	21.7	C	23.5	C	24.4	C	24.4	C
Intersection		26.0	C	27.1	C	28.4	C	27.3	C
Lakeland Avenue & Manton Street	EBL								
	EBT	20.9	C	20.9	C	20.9	C	20.9	C
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.8	B	13.8	B
	WBR								
	NBL								
	NBT	8.4	A	8.8	A	9.3	A	9.3	A
	NBR								
	SBL								
	SBT	9.2	A	9.8	A	10.4	B	10.4	B
Intersection		10.2	B	10.7	B	11.1	B	11.1	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	3.0	A	3.1	A	3.1	A
	EBT	3.5	A	3.7	A	3.8	A	3.8	A
	EBR								
	WBL								
	WBT	7.5	A	8.0	A	8.2	A	8.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52.0	D	52.0	D	52.0	D	52.0	D
	SBT								
	SBR	12.6	B	12.4	B	12.4	B	12.4	B
Intersection		6.3	A	6.6	A	6.7	A	6.7	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.3	B	11.5	B	12.2	B	12.2	B
	EBR								
	WBL								
	WBT	5.1	A	5.6	A	5.5	A	5.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	38.7	D	39.3	D	39.2	D	39.2	D
Intersection		10.6	B	11.4	B	11.8	B	11.8	B
Greene Avenue & Montauk Highway	EBL								
	EBT	8.4	A	9.2	A	9.5	A	9.5	A
	EBR								
	WBL								
	WBT	5.9	A	6.2	A	6.1	A	6.1	A
	WBR	2.4	A	2.1	A	1.7	A	1.7	A
	NBL	51.9	D	53.5	D	54.0	D	54.0	D
	NBT	36.2	D	36.1	D	36.0	D	36.0	D
	NBR								
	SBL								
	SBT	50.2	D	50.8	D	50.8	D	50.8	D
Intersection		13.8	B	14.4	B	14.4	B	14.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	11.3	B	11.3	B	11.0	B	11.0	B
	EBT	16.7	B	17.3	B	16.5	B	16.5	B
	EBR								
	WBL	12.4	B	13.2	B	13.7	B	13.7	B
	WBT	16.9	B	17.8	B	18.5	B	18.5	B
	WBR	4.8	A	5.0	A	5.3	A	5.3	A
	NBL								
	NBT	50.5	D	51.1	D	51.2	D	51.2	D
	NBR								
	SBL	63.2	E	86.1	F	88.6	F	88.6	F
	SBT	31.7	C	33.3	C	33.9	C	33.9	C
Intersection		25.8	C	29.5	C	29.8	C	29.8	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	26.7	C	26.5	C	26.5	C
	EBT	53.6	D	62.9	E	62.8	E	62.8	E
	EBR								
	WBL	1.8	A	1.8	A	1.8	A	1.8	A
	WBT	2.5	A	2.7	A	2.7	A	2.7	A
	WBR								
	NBL								
	NBT	25.1	C	25.1	C	25.3	C	25.3	C
	NBR								
	SBL								
	SBT	42.1	D	42.5	D	42.2	D	42.2	D
	SBR	3.1	A	3.6	A	3.6	A	3.6	A
Intersection		25.6	C	29.2	C	29.2	C	29.2	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.6	A	0.6	A	0.5	A	0.5	A
	EBT	3.2	A	3.4	A	3.4	A	3.4	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	22.8	C	29.5	C	29.5	C	29.5	C
	WBT	20.3	C	22.4	C	22.8	C	22.8	C
	WBR								
	NBL								
	NBT	54.0	D	61.0	E	59.7	E	59.7	E
	NBR	6.7	A	6.7	A	6.7	A	6.7	A
	SBL								
	SBT	26.6	C	27.3	C	27.5	C	27.5	C
Intersection		17.7	B	19.8	B	19.6	B	19.6	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	52.7	D	52.5	D	52.5	D
	EBR								
	WBL								
	WBT	2.8	A	3.3	A	2.7	A	2.7	A
	WBR								
	NBL	11.3	B	12.2	B	12.5	B	12.5	B
	NBT	17.1	B	18.5	B	18.7	B	18.7	B
	NBR								
	SBL	6.7	A	7.1	A	7.1	A	7.1	A
	SBT	11.2	B	12.3	B	12.6	B	12.6	B
Intersection		18.4	B	19.5	B	19.7	B	19.7	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.5	B	16.2	B	16.4	B	16.4	B
	EBR								
	WBL								
	WBT	16.9	B	16.7	B	16.8	B	16.7	B
	WBR								
	NBL								
	NBT	16.9	B	16.8	B	16.9	B	16.7	B
	NBR								
	SBL	4.2	A	4.2	A	4.2	A	4.2	A
	SBT	4.2	A	4.3	A	4.2	A	4.2	A
	SBR								
	NWL	4.2	A	4.3	A	4.3	A	4.3	A
Intersection		6.1	A	6.1	A	5.7	A	5.7	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	11.7	B	12.0	B	12.0	B
	EBR								
	WBL								
	WBT	10.1	B	10.6	B	10.7	B	10.7	B
	WBR								
	NBL								
	NBT	9.1	A	9.3	A	9.4	A	9.4	A
	NBR								
	SBL								
	SBT	11.1	B	12.3	B	12.5	B	12.5	B
Intersection		10.5	B	11.4	B	11.5	B	11.5	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.4	B	18.5	B	18.5	B	18.5	B
	WBT	51.8	D	65.4	E	65.1	E	65.1	E
	WBR	0.4	A	0.4	A	0.4	A	0.4	A
	NBL	17.8	B	18.0	B	19.3	B	19.3	B
	NBT	5.0	A	5.1	A	4.5	A	4.5	A
	NBR								
	SBL								
	SBT	20.2	C	20.2	C	20.2	C	20.2	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		35.7	D	44.1	D	43.3	D	43.3	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.2	C	20.3	C	20.1	C	20.1	C
	EBT	21.5	C	21.7	C	21.7	C	21.7	C
	EBR	0.6	A	0.6	A	2.2	A	2.2	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.4	B	17.6	B	18.0	B	18.0	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.1	A	3.3	A	3.4	A	3.4	A
	SBT	3.0	A	3.0	A	3.1	A	3.1	A
Intersection		12.9	B	13.0	B	12.9	B	12.9	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	30.6	C	31.6	C	37.1	D	37.1	D
	WBT	134.0	F	159.4	F	159.1	F	159.1	F
	WBR	14.3	B	16.8	B	20.1	C	20.1	C
	NBL	46.9	D	46.4	D	48.8	D	47.8	D
	NBT	15.4	B	15.4	B	15.6	B	17.8	B
	NBR								
	SBL								
	SBT	65.8	E	83.5	F	137.7	F	62.0	E
	SBR	84.7	F	102.7	F	150.9	F	41.0	D
Intersection		74.1	E	88.3	F	104.3	F	74.5	E

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.0	C	25.5	C	28.7	C	23.1	C
	EBT	23.2	C	23.5	C	25.7	C	24.6	C
	EBR	6.0	A	7.6	A	16.3	B	17.1	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	32.3	C	33.3	C	33.0	C	32.3	C
	NBR	18.0	B	19.1	B	18.3	B	18.1	B
	SBL	44.5	D	44.3	D	42.2	D	45.1	D
	SBT	31.3	C	31.2	C	28.6	C	27.7	C
Intersection		27.0	C	27.5	C	28.2	C	27.4	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.5	C	20.7	C	19.2	B	19.2	B
	WBT	23.6	C	24.3	C	24.2	C	24.2	C
	WBR	19.9	B	20.1	C	22.1	C	22.1	C
	NBL	27.9	C	27.7	C	27.8	C	27.8	C
	NBT	13.6	B	13.5	B	13.5	B	13.5	B
	NBR								
	SBL								
	SBT	18.7	B	19.0	B	19.0	B	19.0	B
	SBR	38.3	D	43.0	D	42.8	D	42.8	D
Intersection		24.2	C	25.5	C	25.5	C	25.5	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.1	C	23.3	C	23.2	C	23.2	C
	EBT	21.0	C	21.0	C	21.0	C	21.0	C
	EBR	18.0	B	17.9	B	17.9	B	17.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.5	C	22.8	C	22.8	C	22.8	C
	NBR	26.6	C	28.0	C	27.9	C	27.9	C
	SBL	44.1	D	44.4	D	46.5	D	46.5	D
	SBT	6.7	A	6.7	A	6.1	A	6.1	A
Intersection		24.6	C	24.9	C	25.2	C	25.2	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.4	C	38.1	D
	EBT					0.3	A	0.3	A
	EBR	31.6	C	31.9	C				
	WBL					24.2	C	26.7	C
	WBT	13.8	B	13.8	B	4.0	A	3.6	A
	WBR					5.0	A	4.9	A
	NBL	7.8	A	8.9	A	15.1	B	11.8	B
	NBT								
	NBR	2.3	A	2.5	A	5.1	A	4.9	A
	SBL	5.7	A	7.4	A	22.4	C	18.0	B
	SBT					5.2	A	3.8	A
Intersection		7.0	A	8.3	A	18.1	B	15.2	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.1	D	46.1	D	46.1	D	46.1	D
	EBT	40.0	D	40.6	D	42.0	D	42.0	D
	EBR								
	WBL								
	WBT	51.6	D	53.9	D	54.1	D	54.1	D
	WBR								
	NBL							20.8	C
	NBT	18.9	B	20.1	C	23.7	C	18.1	B
	NBR	3.4	A	3.6	A	4.5	A	3.4	A
	SBL								
	SBT	28.1	C	31.4	C	32.9	C	32.9	C
Intersection		30.2	C	32.3	C	33.8	C	32.6	C
Lakeland Avenue & Manton Street	EBL	21.7	C	21.8	C	21.8	C	21.8	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.8	B	13.8	B
	WBR								
	NBL								
	NBT	7.7	A	8.1	A	8.5	A	8.5	A
	NBR								
	SBL								
	SBT	11.2	B	12.4	B	13.1	B	13.1	B
Intersection		11.2	B	11.9	B	12.4	B	12.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.5	A	2.7	A	2.8	A	2.8	A
	EBT	3.7	A	3.9	A	4.0	A	4.0	A
	EBR								
	WBL								
	WBT	7.2	A	7.6	A	7.7	A	7.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	53.4	D	53.7	D	53.7	D	53.7	D
	SBT								
	SBR	12.2	B	12.1	B	12.0	B	12.0	B
Intersection		6.8	A	7.1	A	7.1	A	7.1	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	9.0	A	9.8	A	10.2	B	10.2	B
	EBR								
	WBL								
	WBT	5.3	A	5.3	A	5.5	A	5.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	31.0	C	31.8	C	31.8	C	31.8	C
Intersection		8.9	A	9.3	A	9.6	A	9.6	A
Greene Avenue & Montauk Highway	EBL								
	EBT	9.0	A	9.0	A	9.4	A	9.4	A
	EBR								
	WBL								
	WBT	5.3	A	6.6	A	6.5	A	6.5	A
	WBR	2.2	A	2.5	A	2.4	A	2.4	A
	NBL	63.4	E	65.8	E	66.6	E	66.6	E
	NBT	34.5	C	34.2	C	34.1	C	34.1	C
	NBR								
	SBL								
	SBT	52.4	D	53.1	D	52.9	D	52.9	D
Intersection		16.4	B	17.0	B	17.1	B	17.1	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.9	B	13.6	B	13.5	B	13.5	B
	EBT	20.4	C	20.6	C	20.3	C	20.3	C
	EBR								
	WBL	15.6	B	16.0	B	16.3	B	16.3	B
	WBT	20.0	C	21.4	C	22.0	C	22.0	C
	WBR	5.3	A	5.7	A	5.9	A	5.9	A
	NBL								
	NBT	52.9	D	53.0	D	52.8	D	52.8	D
	NBR								
	SBL	73.0	E	97.5	F	100.0	F	100.0	F
	SBT	31.2	C	32.3	C	32.9	C	32.9	C
Intersection		30.3	C	34.3	C	34.7	C	34.7	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	28.8	C	28.8	C	28.8	C
	EBT	56.8	E	73.3	E	74.6	E	74.6	E
	EBR								
	WBL	2.0	A	2.4	A	2.4	A	2.4	A
	WBT	2.8	A	3.2	A	3.3	A	3.3	A
	WBR								
	NBL								
	NBT	20.5	C	20.1	C	20.1	C	20.1	C
	NBR								
	SBL								
	SBT	42.2	D	42.5	D	42.4	D	42.4	D
	SBR	4.8	A	5.6	A	5.5	A	5.5	A
Intersection		27.1	C	33.7	C	34.2	C	34.2	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.7	A	0.7	A	0.7	A	0.7	A
	EBT	3.9	A	4.6	A	4.6	A	4.6	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	38.2	D	64.1	E	63.8	E	63.8	E
	WBT	24.7	C	27.5	C	27.5	C	27.5	C
	WBR								
	NBL								
	NBT	58.0	E	59.6	E	59.2	E	59.2	E
	NBR	7.4	A	7.3	A	7.3	A	7.3	A
	SBL								
	SBT	24.6	C	25.2	C	25.4	C	25.4	C
Intersection		19.9	B	22.9	C	22.8	C	22.8	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	41.0	D	42.5	D	42.6	D	42.6	D
	EBT								
	EBR								
	WBL	26.0	C	26.3	C	25.8	C	25.8	C
	WBT								
	WBR								
	NBL	9.6	A	10.8	B	10.9	B	10.9	B
	NBT	15.6	B	17.7	B	17.9	B	17.9	B
	NBR	6.0	A	6.0	A	6.0	A	6.0	A
	SBL								
	SBT	9.6	A	10.4	B	10.6	B	10.6	B
Intersection		15.8	B	17.3	B	17.4	B	17.4	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	15.6	B	15.4	B	17.5	B	17.5	B
	EBT								
	EBR								
	WBL	16.1	B	15.9	B	17.9	B	17.9	B
	WBT								
	WBR								
	NBL	16.2	B	15.9	B	18.0	B	18.0	B
	NBT								
	NBR								
	SBL	4.3	A	4.3	A	5.7	A	5.7	A
	SBT	4.3	A	4.3	A	5.7	A	5.7	A
	SBR	4.4	A	4.5	A	5.8	A	5.8	A
	NWL								
Intersection		6.6	A	6.6	A	7.7	A	7.7	A
Cherry Avenue & Brook Street	EBL	10.7	B	10.7	B	10.9	B	10.9	B
	EBT								
	EBR								
	WBL	10.3	B	10.3	B	10.3	B	10.3	B
	WBT								
	WBR								
	NBL	9.5	A	9.6	A	9.7	A	9.7	A
	NBT								
	NBR								
	SBL	10.4	B	10.5	B	10.6	B	10.6	B
	SBT								
Intersection		10.3	B	10.4	B	10.5	B	10.5	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.5	B	17.5	B	17.5	B
	WBT	18.9	B	18.9	B	18.9	B	18.9	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	15.9	B	16.0	B	18.1	B	18.1	B
	NBT	2.8	A	2.9	A	2.5	A	2.5	A
	NBR								
	SBL								
	SBT	18.8	B	19.0	B	19.0	B	19.0	B
	SBR	0.4	A	0.4	A	0.4	A	0.4	A
Intersection		13.3	B	13.2	B	13.7	B	13.7	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.3	C	20.4	C	20.1	C	20.1	C
	EBT	20.9	C	21.0	C	20.9	C	20.9	C
	EBR	0.6	A	0.6	A	0.9	A	0.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.8	B	15.9	B	16.2	B	16.2	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.3	A	3.4	A	3.4	A
	SBT	2.7	A	2.8	A	2.8	A	2.8	A
Intersection		12.7	B	12.7	B	12.6	B	12.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.3	C	32.1	C	30.6	C
	WBT	27.8	C	28.0	C	28.4	C	27.3	C
	WBR	8.0	A	10.0	B	12.9	B	12.4	B
	NBL	52.8	D	54.3	D	63.1	E	55.3	E
	NBT	15.2	B	16.5	B	17.1	B	19.8	B
	NBR								
	SBL								
	SBT	30.4	C	32.1	C	33.7	C	30.3	C
	SBR	35.7	D	38.5	D	42.5	D	32.5	C
Intersection		27.1	C	28.3	C	30.8	C	28.8	C

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	27.6	C	28.1	C	30.5	C	26.2	C
	EBT	25.2	C	25.4	C	27.0	C	24.0	C
	EBR	4.7	A	6.2	A	14.5	B	15.1	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	28.8	C	29.5	C	30.4	C	29.9	C
	NBR	7.9	A	10.0	A	13.1	B	13.0	B
	SBL	42.0	D	42.6	D	41.8	D	42.8	D
	SBT	21.6	C	22.4	C	20.7	C	17.2	B
Intersection		23.2	C	24.0	C	25.3	C	23.7	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.6	B	18.7	B	18.7	B	18.7	B
	WBT	21.7	C	21.9	C	21.9	C	21.9	C
	WBR	20.7	C	20.9	C	20.9	C	20.9	C
	NBL	29.8	C	29.9	C	29.7	C	29.7	C
	NBT	13.2	B	13.2	B	13.3	B	13.3	B
	NBR								
	SBL								
	SBT	18.5	B	18.7	B	18.7	B	18.7	B
	SBR	23.2	C	23.9	C	23.8	C	23.8	C
Intersection		20.4	C	20.6	C	20.6	C	20.6	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	24.2	C	24.3	C	24.3	C	24.3	C
	EBT	20.4	C	20.3	C	20.3	C	20.3	C
	EBR	17.7	B	17.6	B	17.6	B	17.6	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.6	B	19.6	B	19.6	B
	NBR	22.2	C	22.8	C	22.9	C	22.9	C
	SBL	41.2	D	41.4	D	41.4	D	41.4	D
	SBT	6.8	A	6.9	A	6.9	A	6.9	A
Intersection		22.9	C	23.1	C	23.1	C	23.1	C

NELSON & POPE
Project Name:Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.5	C	33.5	C
	EBT					0.9	A	0.5	A
	EBR	32.3	C	32.4	C				
	WBL					24.4	C	23.6	C
	WBT	13.4	B	13.4	B	8.1	A	6.5	A
	WBR					5.0	A	5.2	A
	NBL	9.0	A	9.5	A	16.4	B	14.4	B
	NBT								
	NBR	2.5	A	2.5	A	5.2	A	5.3	A
	SBL	5.1	A	5.4	A	16.1	B	13.9	B
	SBT					4.4	A	3.2	A
Intersection		7.7	A	8.1	A	15.8	B	14.1	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.1	D	43.5	D	44.7	D	44.1	D
	EBT	38.8	D	39.0	D	43.0	D	42.3	D
	EBR								
	WBL								
	WBT	46.5	D	47.4	D	48.8	D	48.2	D
	WBR								
	NBL							18.2	B
	NBT	20.1	C	21.5	C	27.3	C	20.3	C
	NBR	5.3	A	5.8	A	6.6	A	5.9	A
	SBL								
	SBT	21.3	C	23.0	C	24.5	C	24.7	C
Intersection		25.3	C	26.5	C	29.4	C	27.2	C
Lakeland Avenue & Manton Street	EBL	18.9	B	18.8	B	18.9	B	18.9	B
	EBT								
	EBR								
	WBL								
	WBT	15.4	B	15.5	B	15.4	B	15.4	B
	WBR								
	NBL								
	NBT	8.5	A	9.2	A	10.6	B	10.6	B
	NBR								
	SBL								
	SBT	9.9	A	10.8	B	12.3	B	12.3	B
Intersection		10.1	B	10.8	B	12.0	B	12.0	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.8	A	1.8	A	1.9	A	1.9	A
	EBT	2.6	A	2.7	A	2.8	A	2.8	A
	EBR								
	WBL								
	WBT	5.8	A	6.4	A	6.8	A	6.8	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52.0	D	52.1	D	52.1	D	52.1	D
	SBT								
	SBR	11.4	B	11.3	B	11.0	B	11.0	B
Intersection		5.6	A	5.9	A	6.0	A	6.0	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.3	A	6.7	A	7.1	A	7.1	A
	EBR								
	WBL								
	WBT	4.9	A	5.2	A	5.5	A	5.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23.4	C	24.6	C	23.9	C	23.9	C
Intersection		6.9	A	7.3	A	7.6	A	7.6	A
Greene Avenue & Montauk Highway	EBL								
	EBT	6.7	A	7.1	A	7.6	A	7.6	A
	EBR								
	WBL								
	WBT	5.4	A	5.4	A	6.0	A	6.0	A
	WBR	3.9	A	3.5	A	3.6	A	3.6	A
	NBL	63.0	E	67.0	E	65.5	E	65.5	E
	NBT	36.9	D	36.6	D	36.7	D	36.7	D
	NBR								
	SBL								
	SBT	52.1	D	52.3	D	52.3	D	52.3	D
Intersection		15.7	B	16.0	B	16.1	B	16.0	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	16.5	B	16.5	B	17.4	B	18.1	B
	EBT	20.0	B	19.8	B	19.5	B	20.1	C
	EBR								
	WBL	15.7	B	16.7	B	17.5	B	18.1	B
	WBT	19.6	B	21.8	C	23.5	C	24.5	C
	WBR	5.4	A	5.8	A	6.6	A	6.6	A
	NBL								
	NBT	53.8	D	53.4	D	53.7	D	53.7	D
	NBR								
	SBL	67.7	E	83.1	F	88.5	F	78.8	E
	SBT	30.3	C	30.9	C	32.7	C	31.7	C
Intersection		29.8	C	32.8	C	34.2	C	33.0	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	28.3	C	31.5	C	32.0	C	32.0	C
	EBT	30.4	C	32.2	C	32.7	C	32.7	C
	EBR								
	WBL	1.9	A	2.2	A	2.4	A	2.1	A
	WBT	3.3	A	3.7	A	3.8	A	3.6	A
	WBR								
	NBL								
	NBT	21.0	C	21.0	C	21.0	C	21.0	C
	NBR								
	SBL								
	SBT	40.9	D	41.5	D	41.5	D	41.5	D
	SBR	1.2	A	1.3	A	1.3	A	1.3	A
Intersection		15.2	B	16.2	B	16.4	B	16.3	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.3	A	1.5	A	1.5	A	1.5	A
	EBT	3.0	A	3.2	A	3.2	A	3.2	A
	EBR	0.2	A	0.2	A	0.2	A	0.2	A
	WBL	22.0	C	25.5	C	26.3	C	27.4	C
	WBT	21.8	C	23.0	C	23.4	C	24.1	C
	WBR								
	NBL								
	NBT	49.3	D	50.7	D	49.8	D	49.8	D
	NBR	7.4	A	7.2	A	7.2	A	7.2	A
	SBL								
	SBT	25.0	C	25.1	C	25.0	C	25.0	C
Intersection		17.5	B	18.4	B	18.4	B	18.8	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	50.5	D	51.1	D	52.3	D	49.0	D
	EBT								
	EBR								
	WBL	31.0	C	31.0	C	30.0	C	31.0	C
	WBT								
	WBR								
	NBL	11.6	B	11.9	B	12.3	B	11.2	B
	NBT	16.2	B	16.3	B	16.7	B	14.9	B
	NBR	6.0	A	6.0	A	6.0	A	6.0	A
	SBL								
	SBT								
Intersection		17.6	B	18.4	B	19.3	B	16.6	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	15.7	B	15.7	B	15.6	B	15.6	B
	EBT								
	EBR								
	WBL	16.2	B	16.1	B	16.2	B	16.2	B
	WBT								
	WBR								
	NBL	20.4	C	20.1	C	20.3	C	20.3	C
	NBT								
	NBR								
	SBL	7.4	A	7.5	A	7.4	A	7.4	A
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
	SBR	7.6	A	7.6	A	7.6	A	7.6	A
	NWL								
Intersection		9.8	A	9.8	A	9.3	A	9.3	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.1	B	10.7	B	10.7	B
	EBT								
	EBR								
	WBL	10.2	B	9.9	A	10.1	B	10.1	B
	WBT								
	WBR								
	NBL	9.4	A	9.3	A	9.5	A	9.5	A
	NBT								
	NBR								
	SBL	10.5	B	10.1	B	10.8	B	10.8	B
	SBT								
Intersection		10.2	B	9.9	A	10.4	B	10.4	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis
Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	24.2	C	27.0	D	46.5	E	45.0	E
Lakeland Avenue & Chester Road	EB	50.5	F	67.1	F	110.1	F	107.9	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	17.2	C	17.5	C	17.5	C
	WB	17.7	C	19.0	C	20.6	C	20.6	C
	NB	0.1	A	0.2	A	0.1	A	0.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	17.1	C	18.2	C	20.2	C	20.2	C
	NB	9.1	A	9.2	A	9.4	A	2.0	A
Railroad Avenue & Hiddink Street	WB	14.4	B	15.1	C	15.7	C	15.7	C
	NB	0.0		0.0		0.0		0.0	
	SB	2.2	A	2.3	A	2.5	A	2.5	A
Railroad Avenue & Center Street	EB	16.0	C	16.9	C	16.9	C	16.9	C
	NB	1.3	A	1.4	A	1.4	A	1.4	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.1	A	1.1	A	1.2	A	1.2	A
	WB	0.4	A	0.4	A	0.4	A	0.4	A
	NB	13.6	B	14.1	B	14.2	B	14.2	B
	SB	13.7	B	14.2	B	14.3	B	14.3	B
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.2	B	10.6	B	10.6	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	11.7	B	11.7	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.5	B	10.6	B	11.0	B	11.0	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.3	A	8.3	A
	WB	8.0	A	8.0	A	8.2	A	8.2	A
	SB	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.8	A	9.8	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		AM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.0	A	8.1	A	8.5	A	8.5	A
	WB	9.0	A	9.1	A	9.4	A	9.4	A
	NB	8.4	A	8.6	A	8.8	A	8.8	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.7	A	1.7	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.3	A	9.4	A	9.9	A	9.9	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.3	A	9.3	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	2.8	A	5.0	A	5.0	A
Carrie Avenue & Marion Street	WB	8.6	A	8.7	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	6.1	A	6.2	A	6.1	A	6.1	A
Lincoln Avenue & Hiddink Street	EB	8.7	A	8.8	A	8.9	A	8.9	A
	WB	8.6	A	8.8	A	8.8	A	8.8	A
	NB	9.0	A	9.1	A	9.1	A	9.1	A
	SB	9.1	A	9.3	A	9.4	A	9.4	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.6	A	4.6	A
	NB	0.0	A	0.0	A	9.5	A	9.5	A
Terry Road & Site Access	EB	0.0		0.0		1.0	A	1.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.4	B	10.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.0	C	20.2	C	25.4	D	27.0	D
	NB	10.1	B	10.4	B	11.7	B	11.7	B
Lakeland Avenue & Chester Road	EB	93.2	F	147.1	F	314.5	F	261.0	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	17.5	C	18.4	C	19.2	C	19.2	C
	WB	23.0	C	25.8	D	28.9	D	28.9	D
	NB	1.1	A	1.2	A	1.2	A	1.2	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	22.7	C	25.9	D	33.1	D	33.1	D
	NB	3.0	A	3.2	A	3.2	A	3.2	A
Railroad Avenue & Hiddink Street	WB	19.2	C	21.2	C	32.9	D	32.9	D
	NB	0.0		0.0		0.0		0.0	
	SB	3.6	A	3.8	A	3.9	A	3.9	A
Railroad Avenue & Center Street	EB	21.7	C	24.1	C	22.5	C	22.5	C
	NB	1.4	A	1.4	A	1.4	A	1.4	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.8	A	2.1	A	2.1	A	2.1	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	53.6	F	69.2	F	71.8	F	71.8	F
	SB	18.0	C	19.3	C	19.5	C	19.5	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.4	B	10.6	B	11.2	B	11.2	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.4	B	11.5	B	12.6	B	12.6	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.0	B	10.1	B	10.4	B	10.4	B
Terry Road & Sterling Place	EB	8.4	A	8.5	A	8.7	A	8.7	A
	WB	8.1	A	8.1	A	8.4	A	8.4	A
	SB	7.2	A	7.3	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.9	A	9.9	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.9	A	9.1	A	9.5	A	9.5	A
	WB	10.5	B	10.8	B	11.4	B	11.4	B
	NB	10.0	A	10.3	B	10.9	B	10.9	B
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.0	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	10.1	B	10.1	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.9	A	9.8	A	10.3	B	10.3	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.8	A	0.8	A	3.5	A	3.5	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	3.0	A	3.0	A	3.0	A	3.0	A
Lincoln Avenue & Hiddink Street	EB	10.3	B	10.6	B	10.8	B	10.8	B
	WB	9.0	A	9.1	A	9.2	A	9.2	A
	NB	10.0	A	10.2	B	10.4	B	10.4	B
	SB	10.5	B	10.8	B	10.9	B	10.9	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.6	A	5.6	A
	NB	0.0	A	0.0	A	11.0	B	11.0	B
Terry Road & Site Access	EB	0.0		0.0		1.6	A	1.6	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.5	B	10.5	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	25.8	D	27.5	D	35.7	E	39.0	E
	NB	10.6	B	11.0	B	12.5	B	12.4	B
Lakeland Avenue & Chester Road	EB	73.2	F	113.7	F	296.2	F	234.2	F
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	16.7	C	18.9	C	18.3	C	18.3	C
	WB	20.7	C	23.1	C	24.5	C	24.5	C
	NB	0.1	A	0.1	A	0.1	A	0.1	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	20.4	C	22.7	C	27.7	D	27.7	D
	NB	2.5	A	2.7	A	2.7	A	2.7	A
Railroad Avenue & Hiddink Street	WB	22.7	C	25.8	D	27.1	D	27.1	D
	NB	0.0		0.0		0.0		0.0	
	SB	3.5	A	3.7	A	3.8	A	3.8	A
Railroad Avenue & Center Street	EB	23.4	C	26.1	D	24.2	C	24.2	C
	NB	1.9	A	2.0	A	2.0	A	2.0	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.4	A	2.6	A	2.7	A	2.7	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	31.7	D	37.4	E	38.7	E	38.7	E
	SB	18.2	C	19.7	C	18.4	C	18.4	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.7	A	10.8	B	10.8	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.1	A	0.1	A	0.0	A	0.0	A
	NB	11.1	B	11.2	B	12.3	B	12.3	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.2	A	0.2	A	0.1	A	0.1	A
	NB	10.8	B	11.0	B	11.4	B	11.4	B
Terry Road & Sterling Place	EB	8.2	A	8.3	A	8.5	A	8.5	A
	WB	7.9	A	8.0	A	8.2	A	8.2	A
	SB	7.1	A	7.1	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.1	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.7	A	10.0	B	10.0	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		Friday PM Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.4	A	8.5	A	8.7	A	8.7	A
	WB	10.2	B	10.5	B	10.9	B	10.9	B
	NB	9.0	A	9.2	A	9.0	A	9.0	A
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.1	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.5	B	10.7	B	11.0	B	11.0	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.8	A	9.9	A	10.4	B	10.4	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.4	A	9.4	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.3	A	3.5	A	5.4	A	5.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	4.6	A	4.6	A	4.6	A	4.6	A
Lincoln Avenue & Hiddink Street	EB	10.2	B	10.5	B	10.6	B	10.6	B
	WB	9.2	A	9.4	A	9.5	A	9.5	A
	NB	10.5	B	10.9	B	11.1	B	11.1	B
	SB	10.8	B	11.2	B	11.3	B	11.3	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.4	A	5.4	A
	NB	0.0	A	0.0	A	11.3	B	11.3	B
Terry Road & Site Access	EB	0.0		0.0		1.8	A	1.8	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.4	B	10.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.2	C	20.3	C	25.7	D	25.8	D
	NB	9.4	A	9.6	A	10.2	B	10.2	B
Lakeland Avenue & Chester Road	EB	65.7	F	93.1	F	177.3	F	169.7	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	20.1	C	21.9	C	25.4	D	25.4	D
	WB	31.1	D	37.9	E	51.9	F	51.9	F
	NB	0.4	A	0.4	A	0.4	A	0.4	A
	SB	0.6	A	0.7	A	0.7	A	0.7	A
Railroad Avenue & Depot Street	EB	37.9	E	48.0	E	80.5	F	80.5	F
	NB	3.2	A	3.5	A	3.8	A	3.8	A
Railroad Avenue & Hiddink Street	WB	32.5	D	Err	F	55.5	F	55.5	F
	NB	0.0		0.0		0.0		0.0	
	SB	2.7	A	15.9	C	3.5	A	3.5	A
Railroad Avenue & Center Street	EB	25.9	D	29.2	D	32.0	D	32.1	D
	NB	1.9	A	2.0	A	2.0	A	2.0	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.2	A	1.3	A	1.4	A	1.4	A
	WB	0.5	A	0.6	A	0.6	A	0.6	A
	NB	42.9	E	57.5	F	63.4	F	63.4	F
	SB	17.8	C	19.0	C	19.9	C	19.9	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	10.0	A	10.4	B	10.4	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	11.6	B	11.6	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	9.9	A	9.9	A	10.6	B	10.6	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.3	A	8.3	A
	WB	7.8	A	7.9	A	8.2	A	8.2	A
	SB	7.1	A	7.1	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.6	B	10.6	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis

Level of Service Summary Table

		Saturday Summer Peak							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.3	A	9.0	A	9.0	A
	WB	9.0	A	9.2	A	9.8	A	9.8	A
	NB	8.6	A	8.7	A	9.4	A	9.4	A
Tariff Street/Terry Road & Chester Road	EB	1.3	A	1.3	A	1.2	A	1.2	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.8	A	9.9	A	10.2	B	10.2	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	10.3	B	10.3	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.1	A	9.3	A	9.3	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.9	A	2.0	A	3.4	A	3.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.2	A	1.7	A	1.2	A	1.2	A
Carrie Avenue & Sterling Place	EB	8.6	A	8.7	A	8.7	A	8.7	A
Lincoln Avenue & Hiddink Street	EB	10.1	B	10.4	B	10.9	B	10.9	B
	WB	9.7	A	10.0	A	10.3	B	10.3	B
	NB	10.4	B	10.7	B	11.1	B	11.1	B
	SB	11.2	B	11.7	B	12.0	B	12.0	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.5	A	5.5	A
	NB	0.0	A	0.0	A	10.3	B	10.3	B
Terry Road & Site Access	EB	0.0		0.0		1.5	A	1.5	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	11.6	B	11.6	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.1	B	17.0	B	17.0	B	17.0	B
	WBT	18.6	B	18.5	B	18.5	B	18.5	B
	WBR	0.2	A	0.2	A	0.2	A	0.2	A
	NBL	17.5	B	18.1	B	21.2	C	21.2	C
	NBT	6.9	A	7.3	A	8.9	A	8.9	A
	NBR								
	SBL								
	SBT	18.8	B	19.1	B	19.1	B	19.1	B
	SBR	0.2	A	0.2	A	0.2	A	0.2	A
Intersection		14.4	B	14.4	B	15.6	B	15.6	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.4	C	20.5	C	20.2	C	20.2	C
	EBT	21.2	C	21.2	C	21.0	C	21.0	C
	EBR	0.4	A	0.5	A	0.6	A	0.6	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	14.8	B	15.0	B	16.3	B	16.3	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	8.0	A	8.1	A	8.4	A	8.4	A
	SBT	7.7	A	7.8	A	7.9	A	7.9	A
Intersection		13.5	B	13.6	B	13.9	B	13.9	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.8	C	24.0	C	25.0	C	24.4	C
	WBT	25.3	C	25.4	C	25.7	C	25.1	C
	WBR	28.6	C	31.0	C	31.4	C	30.2	C
	NBL	53.5	D	54.5	D	62.4	E	58.2	E
	NBT	13.8	B	15.1	B	18.3	B	19.0	B
	NBR								
	SBL								
	SBT	30.5	C	32.1	C	33.8	C	29.5	C
	SBR	34.5	C	37.1	D	40.5	D	33.3	C
Intersection		26.0	C	27.2	C	29.8	C	28.4	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	34.0	C	36.5	D	53.0	D	31.5	C
	EBT	28.1	C	30.3	C	39.6	D	25.6	C
	EBR	6.1	A	6.9	A	8.4	A	4.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	33.4	C	34.2	C	36.5	D	37.4	D
	NBR	15.6	B	16.2	B	16.3	B	16.7	B
	SBL	42.9	D	43.6	D	44.1	D	41.7	D
	SBT	13.5	B	13.2	B	13.1	B	14.6	B
Intersection		26.2	C	27.5	C	33.0	C	26.6	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	23.2	C	23.5	C	23.5	C	23.5	C
	WBT	25.0	C	25.1	C	25.1	C	25.1	C
	WBR	37.1	D	38.7	D	38.7	D	38.7	D
	NBL	35.9	D	34.7	C	34.7	C	34.7	C
	NBT	19.8	B	18.9	B	18.9	B	18.9	B
	NBR								
	SBL								
	SBT	17.1	B	18.2	B	18.2	B	18.2	B
	SBR	19.4	B	21.0	C	21.0	C	21.0	C
Intersection		25.3	C	25.6	C	25.6	C	25.6	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	31.9	C	33.3	C	33.2	C	33.2	C
	EBT	19.7	B	20.0	C	20.0	C	20.0	C
	EBR	19.9	B	20.2	C	20.2	C	20.2	C
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	20.5	C	20.4	C	20.4	C	20.4	C
	NBR	23.3	C	23.8	C	23.8	C	23.8	C
	SBL	42.5	D	43.0	D	43.0	D	43.0	D
	SBT	12.6	B	12.9	B	12.9	B	12.9	B
Intersection		25.0	C	25.4	C	25.3	C	25.3	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					36.8	D	34.9	C
	EBT					0.3	A	0.3	A
	EBR	30.7	C	30.7	C				
	WBL					22.3	C	20.6	C
	WBT	13.9	B	13.9	B	4.7	A	2.8	A
	WBR					5.6	A	5.4	A
	NBL	8.8	A	10.5	B	25.4	C	23.3	C
	NBT								
	NBR	2.3	A	2.5	A	6.4	A	6.7	A
	SBL	4.4	A	5.5	A	18.2	B	19.0	B
	SBT					1.6	A	1.0	A
Intersection		7.1	A	8.4	A	21.7	C	20.8	C
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	46.6	D	47.0	D	47.7	D	47.7	D
	EBT	38.9	D	39.0	D	42.3	D	42.3	D
	EBR								
	WBL								
	WBT	59.7	E	69.1	E	71.0	E	71.0	E
	WBR								
	NBL							17.2	B
	NBT	20.2	C	21.3	C	21.8	C	20.3	C
	NBR	3.5	A	3.4	A	3.4	A	3.4	A
	SBL								
	SBT	22.3	C	23.8	C	24.5	C	24.5	C
Intersection		31.8	C	34.2	C	35.2	D	34.8	C
Lakeland Avenue & Manton Street	EBL								
	EBT	21.7	C	21.8	C	21.8	C	21.8	C
	EBR								
	WBL								
	WBT	14.5	B	14.7	B	14.7	B	14.7	B
	WBR								
	NBL								
	NBT	5.9	A	6.2	A	6.3	A	6.3	A
	NBR								
	SBL								
	SBT	6.8	A	7.3	A	7.7	A	7.7	A
Intersection		8.1	A	8.3	A	8.6	A	8.6	A

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.3	A	1.4	A	1.4	A	1.4	A
	EBT	1.2	A	1.3	A	1.3	A	1.3	A
	EBR								
	WBL								
	WBT	5.5	A	5.9	A	6.0	A	6.0	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	33.1	C	33.2	C	33.1	C	33.1	C
	SBT								
	SBR	12.9	B	12.9	B	12.9	B	12.9	B
Intersection		4.8	A	4.9	A	5.0	A	5.0	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	4.0	A	4.4	A	4.5	A	4.5	A
	EBR								
	WBL								
	WBT	4.5	A	4.8	A	4.9	A	4.9	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23.0	C	23.1	C	22.5	C	22.5	C
Intersection		6.0	A	6.2	A	6.3	A	6.3	A
Greene Avenue & Montauk Highway	EBL								
	EBT	5.4	A	6.4	A	6.1	A	6.1	A
	EBR								
	WBL								
	WBT	6.7	A	6.7	A	6.9	A	6.9	A
	WBR	5.2	A	4.6	A	4.7	A	4.7	A
	NBL	36.0	D	36.7	D	36.7	D	36.7	D
	NBT	28.9	C	28.8	C	28.8	C	28.8	C
	NBR								
	SBL								
	SBT	38.8	D	39.3	D	39.1	D	39.1	D
Intersection		12.1	B	12.3	B	12.1	B	12.1	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach / Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	10.2	B	11.5	B	11.6	B	11.6	B
	EBT	10.3	B	11.6	B	11.7	B	11.7	B
	EBR								
	WBL	11.1	B	11.2	B	11.2	B	11.4	B
	WBT	12.6	B	13.7	B	13.7	B	13.9	B
	WBR	2.9	A	3.5	A	3.6	A	3.5	A
	NBL								
	NBT	41.9	D	42.1	D	42.3	D	42.3	D
	NBR								
	SBL	32.2	C	34.5	C	35.2	D	35.2	D
	SBT	26.9	C	28.4	C	29.2	C	29.2	C
Intersection		17.5	B	18.5	B	18.9	B	19.0	B
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	21.5	C	21.1	C	21.1	C	21.1	C
	EBT	25.4	C	25.3	C	25.7	C	25.7	C
	EBR								
	WBL	0.9	A	1.4	A	1.6	A	1.4	A
	WBT	2.2	A	2.8	A	2.8	A	2.7	A
	WBR								
	NBL								
	NBT	19.3	B	18.6	B	19.3	B	19.3	B
	NBR								
	SBL								
	SBT	28.9	C	28.9	C	28.9	C	28.9	C
	SBR	0.5	A	0.5	A	0.5	A	0.5	A
Intersection		10.9	B	11.3	B	11.5	B	11.4	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.3	A	0.3	A	0.3	A	0.3	A
	EBT	1.6	A	1.6	A	1.7	A	1.7	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	12.9	B	11.3	B	10.8	B	14.4	B
	WBT	22.6	C	21.5	C	21.0	C	25.8	C
	WBR								
	NBL								
	NBT	47.3	D	50.1	D	50.2	D	50.2	D
	NBR	2.7	A	3.2	A	3.1	A	3.1	A
	SBL								
	SBT	19.5	B	19.9	B	19.7	B	19.7	B
Intersection		17.4	B	17.2	B	16.9	B	19.0	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	44.2	D	44.2	D	44.4	D	43.0	D
	EBR								
	WBL								
	WBT	16.6	B	16.8	B	16.0	B	16.6	B
	WBR								
	NBL	5.1	A	5.7	A	6.1	A	4.6	A
	NBT	6.0	A	7.0	A	7.5	A	5.1	A
	NBR								
	SBL	6.0	A	6.0	A	6.5	A	6.0	A
	SBT	11.9	B	13.4	B	13.9	B	10.9	B
Intersection		14.0	B	15.0	B	15.5	B	13.0	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.0	B	15.9	B	15.9	B	15.9	B
	EBR								
	WBL								
	WBT	16.2	B	16.1	B	16.1	B	16.1	B
	WBR								
	NBL								
	NBT	20.1	C	19.9	B	20.0	B	20.0	B
	NBR								
	SBL	7.6	A	7.7	A	7.6	A	7.6	A
	SBT	7.9	A	7.9	A	7.9	A	7.9	A
	SBR								
	NWL	7.6	A	7.6	A	7.7	A	7.7	A
Intersection		10.6	B	10.7	B	10.0	B	10.0	B
Cherry Avenue & Brook Street	EBL								
	EBT	9.6	A	9.7	A	10.9	B	10.9	B
	EBR								
	WBL								
	WBT	9.1	A	9.1	A	10.0	A	10.0	A
	WBR								
	NBL								
	NBT	8.5	A	8.5	A	9.2	A	9.2	A
	NBR								
	SBL								
	SBT	9.2	A	9.3	A	10.5	B	10.5	B
Intersection		9.2	A	9.3	A	10.3	B	10.3	B

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Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.6	B	17.6	B	17.6	B
	WBT	39.8	D	48.7	D	48.5	D	48.5	D
	WBR	0.3	A	0.3	A	0.3	A	0.3	A
	NBL	16.1	B	16.3	B	17.9	B	17.9	B
	NBT	3.2	A	3.4	A	3.0	A	3.0	A
	NBR								
	SBL								
	SBT	20.3	C	20.5	C	20.5	C	20.5	C
	SBR	0.6	A	0.7	A	0.7	A	0.7	A
Intersection		28.8	C	34.4	C	34.0	C	34.0	C
Smithtown Avenue & NYS Route 27 South Service Road	EBL	19.4	B	19.5	B	19.4	B	19.4	B
	EBT	21.9	C	22.2	C	22.1	C	22.1	C
	EBR	0.6	A	0.7	A	2.4	A	2.4	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	16.3	B	16.4	B	16.6	B	16.6	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.4	A	3.4	A	3.4	A
	SBT	2.3	A	2.6	A	2.6	A	2.6	A
Intersection		13.6	B	13.8	B	13.6	B	13.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.7	C	32.0	C	30.5	C
	WBT	47.1	D	45.7	D	45.5	D	40.6	D
	WBR	5.2	A	7.9	A	11.4	B	11.5	B
	NBL	49.6	D	49.0	D	53.1	D	50.5	D
	NBT	15.0	B	15.2	B	15.5	B	19.5	B
	NBR								
	SBL								
	SBT	67.8	E	94.7	F	138.9	F	56.6	E
	SBR	90.3	F	112.1	F	158.4	F	62.9	E
Intersection		48.7	D	58.2	E	76.2	E	42.5	D

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.9	C	26.5	C	30.0	C	23.8	C
	EBT	23.4	C	23.7	C	26.0	C	24.3	C
	EBR	7.3	A	9.2	A	15.7	B	16.3	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	34.5	C	35.9	D	35.3	D	34.1	C
	NBR	17.6	B	18.6	B	17.4	B	17.4	B
	SBL	44.5	D	46.1	D	44.2	D	50.8	D
	SBT	31.8	C	31.7	C	29.0	C	28.9	C
Intersection		28.4	C	29.1	C	29.3	C	29.1	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	19.1	B	19.7	B	19.7	B	19.7	B
	WBT	21.9	C	22.3	C	22.3	C	22.3	C
	WBR	20.1	C	20.3	C	20.3	C	20.3	C
	NBL	25.9	C	26.3	C	26.3	C	26.3	C
	NBT	13.8	B	13.4	B	13.4	B	13.4	B
	NBR								
	SBL								
	SBT	18.3	B	18.7	B	18.7	B	18.7	B
	SBR	68.8	E	85.6	F	85.1	F	85.1	F
Intersection		33.4	C	38.0	D	37.8	D	37.8	D
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.2	C	23.4	C	23.4	C	23.4	C
	EBT	20.5	C	20.6	C	20.6	C	20.6	C
	EBR	18.2	B	18.2	B	18.2	B	18.2	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	23.1	C	23.4	C	23.4	C	23.4	C
	NBR	28.2	C	30.6	C	30.6	C	30.6	C
	SBL	47.4	D	46.9	D	47.0	D	47.0	D
	SBT	6.2	A	6.5	A	6.5	A	6.5	A
Intersection		25.3	C	25.2	C	25.2	C	25.2	C

NELSON & POPE
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Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.4	C	39.0	D
	EBT					0.3	A	0.3	A
	EBR	33.4	C	33.4	C				
	WBL					25.4	C	28.3	C
	WBT	14.0	B	14.0	B	5.6	A	4.8	A
	WBR					4.9	A	4.9	A
	NBL	9.8	A	10.5	B	16.2	B	13.1	B
	NBT								
	NBR	2.7	A	2.8	A	5.3	A	5.3	A
	SBL	6.4	A	7.0	A	20.6	C	17.7	B
	SBT					5.3	A	4.2	A
Intersection		8.4	A	9.0	A	17.5	B	15.5	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.2	D	44.1	D	44.5	D	44.6	D
	EBT	41.8	D	42.5	D	44.4	D	44.5	D
	EBR								
	WBL								
	WBT	47.1	D	49.3	D	49.9	D	49.6	D
	WBR								
	NBL							18.1	B
	NBT	18.4	B	20.3	C	23.3	C	19.1	B
	NBR	4.3	A	4.9	A	5.7	A	4.9	A
	SBL								
	SBT	21.7	C	24.4	C	25.3	C	25.4	C
Intersection		26.0	C	27.9	C	29.3	C	28.2	C
Lakeland Avenue & Manton Street	EBL	20.9	C	20.9	C	20.9	C	20.9	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.8	B	13.8	B
	WBR								
	NBL								
	NBT	8.4	A	9.1	A	9.7	A	9.7	A
	NBR								
	SBL								
	SBT	9.2	A	10.5	B	11.3	B	11.3	B
Intersection		10.2	B	11.1	B	11.6	B	11.6	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.7	A	3.4	A	3.4	A	3.4	A
	EBT	3.5	A	3.9	A	4.0	A	4.0	A
	EBR								
	WBL								
	WBT	7.5	A	8.9	A	8.7	A	8.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52.0	D	52.0	D	52.0	D	52.0	D
	SBT								
	SBR	12.6	B	12.4	B	12.4	B	12.4	B
Intersection		6.3	A	7.1	A	7.0	A	7.0	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	10.3	B	12.3	B	13.2	B	13.2	B
	EBR								
	WBL								
	WBT	5.1	A	5.8	A	5.7	A	5.7	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	38.7	D	39.3	D	39.2	D	39.2	D
Intersection		10.6	B	11.8	B	12.2	B	12.2	B
Greene Avenue & Montauk Highway	EBL								
	EBT	8.4	A	9.6	A	10.2	B	10.2	B
	EBR								
	WBL								
	WBT	5.9	A	6.9	A	7.3	A	7.3	A
	WBR	2.4	A	1.7	A	1.8	A	1.8	A
	NBL	51.9	D	53.5	D	54.0	D	54.0	D
	NBT	36.2	D	36.1	D	36.0	D	36.0	D
	NBR								
	SBL								
	SBT	50.2	D	50.8	D	50.8	D	50.8	D
Intersection		13.8	B	14.6	B	14.9	B	14.9	B

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Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	11.3	B	10.7	B	10.3	B	10.3	B
	EBT	16.7	B	15.9	B	14.6	B	14.6	B
	EBR								
	WBL	12.4	B	14.3	B	14.8	B	14.8	B
	WBT	16.9	B	19.5	B	20.4	C	20.4	C
	WBR	4.8	A	5.3	A	5.5	A	5.5	A
	NBL								
	NBT	50.5	D	51.3	D	51.4	D	51.4	D
	NBR								
	SBL	63.2	E	93.9	F	95.7	F	95.7	F
	SBT	31.7	C	36.0	D	36.8	D	36.8	D
Intersection		25.8	C	30.6	C	30.7	C	30.7	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	26.9	C	27.4	C	27.4	C
	EBT	53.6	D	67.2	E	68.4	E	68.4	E
	EBR								
	WBL	1.8	A	1.9	A	1.9	A	1.9	A
	WBT	2.5	A	2.8	A	2.9	A	2.9	A
	WBR								
	NBL								
	NBT	25.1	C	24.8	C	25.0	C	25.0	C
	NBR								
	SBL								
	SBT	42.1	D	42.0	D	41.7	D	41.7	D
	SBR	3.1	A	3.5	A	3.5	A	3.5	A
Intersection		25.6	C	30.8	C	31.3	C	31.3	C
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.6	A	0.5	A	0.5	A	0.5	A
	EBT	3.2	A	3.6	A	3.7	A	3.7	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	22.8	C	32.1	C	32.3	C	32.3	C
	WBT	20.3	C	23.5	C	23.8	C	23.8	C
	WBR								
	NBL								
	NBT	54.0	D	62.2	E	61.5	E	61.5	E
	NBR	6.7	A	6.8	A	6.8	A	6.8	A
	SBL								
	SBT	26.6	C	27.6	C	27.8	C	27.8	C
Intersection		17.7	B	20.4	C	20.3	C	20.3	C

NELSON & POPE
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Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL								
	EBT	52.7	D	52.7	D	53.9	D	53.9	D
	EBR								
	WBL								
	WBT	2.8	A	3.3	A	2.8	A	2.8	A
	WBR								
	NBL	11.3	B	12.4	B	12.2	B	12.2	B
	NBT	17.1	B	18.9	B	18.8	B	18.8	B
	NBR								
	SBL	6.7	A	7.1	A	6.9	A	6.9	A
	SBT	11.2	B	12.6	B	12.6	B	12.6	B
Intersection		18.4	B	19.7	B	19.8	B	19.8	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL								
	EBT	16.5	B	16.2	B	16.4	B	16.4	B
	EBR								
	WBL								
	WBT	16.9	B	16.7	B	16.7	B	16.7	B
	WBR								
	NBL								
	NBT	16.9	B	16.8	B	16.7	B	16.7	B
	NBR								
	SBL	4.2	A	4.2	A	4.2	A	4.2	A
	SBT	4.2	A	4.3	A	4.2	A	4.2	A
	SBR								
	NWL	4.2	A	4.3	A	4.3	A	4.3	A
Intersection		6.1	A	6.1	A	5.7	A	5.7	A
Cherry Avenue & Brook Street	EBL								
	EBT	10.7	B	11.7	B	12.0	B	12.0	B
	EBR								
	WBL								
	WBT	10.1	B	10.6	B	10.7	B	10.7	B
	WBR								
	NBL								
	NBT	9.1	A	9.3	A	9.4	A	9.4	A
	NBR								
	SBL								
	SBT	11.1	B	12.3	B	12.5	B	12.5	B
Intersection		10.5	B	11.4	B	11.5	B	11.5	B

NELSON & POPE

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Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.4	B	18.5	B	18.5	B	18.5	B
	WBT	51.8	D	65.4	E	65.1	E	65.1	E
	WBR	0.4	A	0.4	A	0.4	A	0.4	A
	NBL	17.8	B	18.0	B	19.3	B	19.3	B
	NBT	5.0	A	5.1	A	4.5	A	4.5	A
	NBR								
	SBL								
	SBT	20.2	C	20.2	C	20.2	C	20.2	C
	SBR	0.6	A	0.6	A	0.6	A	0.6	A
Intersection		35.7	D	44.1	D	43.3	D	43.3	D
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.2	C	20.3	C	20.1	C	20.1	C
	EBT	21.5	C	21.7	C	21.7	C	21.7	C
	EBR	0.6	A	0.6	A	2.2	A	2.2	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	17.4	B	17.6	B	18.0	B	18.0	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.1	A	3.3	A	3.4	A	3.4	A
	SBT	3.0	A	3.0	A	3.1	A	3.1	A
Intersection		12.9	B	13.0	B	12.9	B	12.9	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	30.6	C	31.6	C	37.1	D	34.8	C
	WBT	134.0	F	159.4	F	159.1	F	140.8	F
	WBR	14.3	B	18.0	B	20.1	C	19.3	B
	NBL	46.9	D	45.7	D	48.3	D	47.5	D
	NBT	15.4	B	15.5	B	15.9	B	20.0	C
	NBR								
	SBL								
	SBT	65.8	E	93.3	F	148.9	F	76.6	E
	SBR	84.7	F	111.0	F	160.8	F	48.7	D
Intersection		74.1	E	91.0	F	107.8	F	72.8	E

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	25.0	C	26.0	C	29.0	C	23.0	C
	EBT	23.2	C	23.7	C	26.0	C	24.3	C
	EBR	6.0	A	8.0	A	16.3	B	16.8	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	32.3	C	33.4	C	32.9	C	32.7	C
	NBR	18.0	B	18.9	B	18.0	B	18.2	B
	SBL	44.5	D	43.9	D	43.3	D	45.5	D
	SBT	31.3	C	30.8	C	28.4	C	28.2	C
Intersection		27.0	C	27.5	C	28.3	C	27.5	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	20.5	C	21.4	C	21.4	C	21.4	C
	WBT	23.6	C	24.3	C	24.2	C	24.2	C
	WBR	19.9	B	20.1	C	20.1	C	20.1	C
	NBL	27.9	C	28.2	C	28.2	C	28.2	C
	NBT	13.6	B	13.1	B	13.1	B	13.1	B
	NBR								
	SBL								
	SBT	18.7	B	19.1	B	19.1	B	19.1	B
	SBR	38.3	D	43.0	D	42.8	D	42.8	D
Intersection		24.2	C	25.4	C	25.4	C	25.4	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	23.1	C	23.3	C	23.2	C	23.2	C
	EBT	21.0	C	21.0	C	21.0	C	21.0	C
	EBR	18.0	B	17.9	B	17.9	B	17.9	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	22.5	C	22.8	C	22.8	C	22.8	C
	NBR	26.6	C	28.9	C	28.9	C	28.9	C
	SBL	44.1	D	43.8	D	43.8	D	43.8	D
	SBT	6.7	A	6.9	A	6.9	A	6.9	A
Intersection		24.6	C	24.5	C	24.5	C	24.5	C

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.4	C	38.1	D
	EBT					0.3	A	0.3	A
	EBR	31.6	C	31.9	C				
	WBL					24.2	C	26.7	C
	WBT	13.8	B	13.8	B	4.0	A	3.6	A
	WBR					5.0	A	5.0	A
	NBL	7.8	A	9.0	A	15.3	B	12.0	B
	NBT								
	NBR	2.3	A	2.5	A	5.1	A	4.9	A
	SBL	5.7	A	7.5	A	22.9	C	17.9	B
	SBT					5.2	A	3.7	A
Intersection		7.0	A	8.4	A	18.3	B	15.2	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	45.1	D	46.4	D	46.6	D	46.5	D
	EBT	40.0	D	40.8	D	42.3	D	42.2	D
	EBR								
	WBL								
	WBT	51.6	D	56.3	E	56.8	E	55.3	E
	WBR								
	NBL							21.6	C
	NBT	18.9	B	20.6	C	24.6	C	18.7	B
	NBR	3.4	A	3.7	A	4.6	A	3.4	A
	SBL								
	SBT	28.1	C	32.9	C	34.6	C	35.2	D
Intersection		30.2	C	33.5	C	35.1	D	33.9	C
Lakeland Avenue & Manton Street	EBL	21.7	C	21.8	C	21.8	C	21.8	C
	EBT								
	EBR								
	WBL								
	WBT	13.7	B	13.8	B	13.8	B	13.8	B
	WBR								
	NBL								
	NBT	7.7	A	8.3	A	8.8	A	8.8	A
	NBR								
	SBL								
	SBT	11.2	B	13.3	B	14.1	B	14.1	B
Intersection		11.2	B	12.4	B	12.9	B	12.9	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	2.5	A	2.8	A	3.0	A	3.0	A
	EBT	3.7	A	4.1	A	4.2	A	4.2	A
	EBR								
	WBL								
	WBT	7.2	A	8.0	A	8.2	A	8.2	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	53.4	D	53.7	D	53.7	D	53.7	D
	SBT								
	SBR	12.2	B	12.1	B	12.0	B	12.0	B
Intersection		6.8	A	7.3	A	7.4	A	7.4	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	9.0	A	10.4	B	11.0	B	11.0	B
	EBR								
	WBL								
	WBT	5.3	A	6.3	A	6.5	A	6.5	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	31.0	C	31.8	C	31.8	C	31.8	C
Intersection		8.9	A	9.9	A	10.4	B	10.3	B
Greene Avenue & Montauk Highway	EBL								
	EBT	9.0	A	9.7	A	10.3	B	10.3	B
	EBR								
	WBL								
	WBT	5.3	A	7.1	A	7.0	A	6.9	A
	WBR	2.2	A	2.2	A	2.1	A	2.0	A
	NBL	63.4	E	65.8	E	66.6	E	66.6	E
	NBT	34.5	C	34.2	C	34.1	C	34.1	C
	NBR								
	SBL								
	SBT	52.4	D	53.1	D	52.9	D	52.9	D
Intersection		16.4	B	17.2	B	17.3	B	17.3	B

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Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	13.9	B	13.4	B	12.6	B	13.3	B
	EBT	20.4	C	20.0	C	18.6	B	19.4	B
	EBR								
	WBL	15.6	B	16.7	B	16.9	B	17.5	B
	WBT	20.0	C	22.3	C	23.0	C	24.0	C
	WBR	5.3	A	6.0	A	6.2	A	6.5	A
	NBL								
	NBT	52.9	D	53.0	D	53.0	D	53.1	D
	NBR								
	SBL	73.0	E	108.4	F	112.8	F	97.9	F
	SBT	31.2	C	35.1	D	36.0	D	34.8	C
Intersection		30.3	C	35.9	D	36.3	D	34.6	C
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	25.7	C	29.5	C	29.8	C	30.2	C
	EBT	56.8	E	80.5	F	81.5	F	81.7	F
	EBR								
	WBL	2.0	A	2.4	A	2.4	A	2.4	A
	WBT	2.8	A	3.4	A	3.4	A	3.4	A
	WBR								
	NBL								
	NBT	20.5	C	20.1	C	20.1	C	20.1	C
	NBR								
	SBL								
	SBT	42.2	D	42.5	D	42.3	D	42.3	D
	SBR	4.8	A	5.6	A	5.5	A	5.5	A
Intersection		27.1	C	36.5	D	36.9	D	37.0	D
Foster Avenue/Shopping Center & Montauk Highway	EBL	0.7	A	0.7	A	0.6	A	0.6	A
	EBT	3.9	A	4.8	A	4.9	A	4.9	A
	EBR	0.1	A	0.1	A	0.1	A	0.1	A
	WBL	38.2	D	74.9	E	73.0	E	73.0	E
	WBT	24.7	C	28.6	C	28.7	C	28.7	C
	WBR								
	NBL								
	NBT	58.0	E	59.8	E	59.5	E	59.5	E
	NBR	7.4	A	7.3	A	7.3	A	7.3	A
	SBL								
	SBT	24.6	C	25.3	C	25.5	C	25.5	C
Intersection		19.9	B	23.9	C	23.8	C	23.8	C

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Phase 6 Analysis with Other Planned Developments
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		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	41.0	D	42.5	D	42.6	D	42.6	D
	EBT								
	EBR								
	WBL	26.0	C	26.3	C	25.8	C	25.8	C
	WBT								
	WBR								
	NBL	9.6	A	11.0	B	11.1	B	11.1	B
	NBT	15.6	B	18.2	B	18.3	B	18.3	B
	NBR	6.0	A	6.0	A	6.0	A	6.0	A
	SBL								
	SBT	9.6	A	10.6	B	10.9	B	10.9	B
Intersection		15.8	B	17.5	B	17.7	B	17.7	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	15.6	B	15.4	B	17.5	B	17.5	B
	EBT								
	EBR								
	WBL	16.1	B	15.9	B	17.9	B	17.9	B
	WBT								
	WBR								
	NBL	16.2	B	15.9	B	18.0	B	18.0	B
	NBT								
	NBR								
	SBL	4.3	A	4.3	A	5.7	A	5.7	A
	SBT	4.3	A	4.3	A	5.7	A	5.7	A
	SBR	4.4	A	4.5	A	5.8	A	5.8	A
	NWL								
Intersection		6.6	A	6.6	A	7.7	A	7.7	A
Cherry Avenue & Brook Street	EBL	10.7	B	10.7	B	10.9	B	10.9	B
	EBT								
	EBR								
	WBL	10.3	B	10.3	B	10.3	B	10.3	B
	WBT								
	WBR								
	NBL	9.5	A	9.6	A	9.7	A	9.7	A
	NBT								
	NBR								
	SBL	10.4	B	10.5	B	10.6	B	10.6	B
	SBT								
Intersection		10.3	B	10.4	B	10.5	B	10.5	B

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		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Smithtown Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	17.5	B	17.5	B	17.5	B	17.5	B
	WBT	18.9	B	18.9	B	18.9	B	18.9	B
	WBR	0.2	A	0.3	A	0.3	A	0.3	A
	NBL	15.9	B	16.0	B	18.1	B	18.1	B
	NBT	2.8	A	2.9	A	2.5	A	2.5	A
	NBR								
	SBL								
	SBT	18.8	B	19.0	B	19.0	B	19.0	B
	SBR	0.4	A	0.4	A	0.4	A	0.4	A
Intersection		13.3	B	13.2	B	13.7	B	13.7	B
Smithtown Avenue & NYS Route 27 South Service Road	EBL	20.3	C	20.4	C	20.1	C	20.1	C
	EBT	20.9	C	21.0	C	20.9	C	20.9	C
	EBR	0.6	A	0.6	A	0.9	A	0.9	A
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	15.8	B	15.9	B	16.2	B	16.2	B
	NBR	0.1	A	0.1	A	0.1	A	0.1	A
	SBL	3.2	A	3.3	A	3.4	A	3.4	A
	SBT	2.7	A	2.8	A	2.8	A	2.8	A
Intersection		12.7	B	12.7	B	12.6	B	12.6	B
Lakeland Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	28.1	C	28.5	C	32.3	C	30.8	C
	WBT	27.8	C	28.2	C	28.6	C	27.4	C
	WBR	8.0	A	10.9	B	12.9	B	12.5	B
	NBL	52.8	D	54.7	D	62.3	E	55.3	E
	NBT	15.2	B	16.5	B	17.2	B	20.0	C
	NBR								
	SBL								
	SBT	30.4	C	32.2	C	34.1	C	30.2	C
	SBR	35.7	D	39.3	D	44.1	D	32.8	C
Intersection		27.1	C	28.5	C	31.0	C	28.9	C

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		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & NYS Route 27 South Service Road	EBL	27.6	C	28.1	C	30.6	C	26.3	C
	EBT	25.2	C	25.4	C	27.1	C	23.9	C
	EBR	4.7	A	6.4	A	14.8	B	15.3	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	28.8	C	29.7	C	30.8	C	30.4	C
	NBR	7.9	A	10.0	A	13.2	B	13.0	B
	SBL	42.0	D	43.2	D	41.9	D	43.0	D
	SBT	21.6	C	22.7	C	20.8	C	17.2	B
Intersection		23.2	C	24.2	C	25.5	C	23.9	C
Johnson Avenue & NYS Route 27 North Service Road	EBL								
	EBT								
	EBR								
	WBL	18.6	B	18.9	B	19.0	B	19.0	B
	WBT	21.7	C	21.7	C	21.7	C	21.7	C
	WBR	20.7	C	20.7	C	20.7	C	20.7	C
	NBL	29.8	C	30.5	C	30.3	C	30.3	C
	NBT	13.2	B	13.0	B	13.0	B	13.0	B
	NBR								
	SBL								
	SBT	18.5	B	18.9	B	18.8	B	18.8	B
	SBR	23.2	C	24.0	C	24.0	C	24.0	C
Intersection		20.4	C	20.5	C	20.5	C	20.5	C
Johnson Avenue & NYS Route 27 South Service Road	EBL	24.2	C	24.3	C	24.3	C	24.3	C
	EBT	20.4	C	20.3	C	20.3	C	20.3	C
	EBR	17.7	B	17.6	B	17.6	B	17.6	B
	WBL								
	WBT								
	WBR								
	NBL								
	NBT	19.2	B	19.5	B	19.5	B	19.5	B
	NBR	22.2	C	23.3	C	23.3	C	23.3	C
	SBL	41.2	D	40.7	D	40.7	D	40.7	D
	SBT	6.8	A	7.1	A	7.2	A	7.2	A
Intersection		22.9	C	22.7	C	22.7	C	22.7	C

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		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & Gibbons Court	EBL					33.5	C	35.1	D
	EBT					0.9	A	0.6	A
	EBR								
	WBL	32.3	C	32.4	C				
	WBT					24.4	C	24.6	C
	WBR	13.4	B	13.4	B	8.1	A	6.7	A
	NBL					5.0	A	5.1	A
	NBT	9.0	A	9.6	A	16.6	B	14.0	B
	NBR								
	SBL	2.5	A	2.5	A	5.2	A	5.3	A
	SBT	5.1	A	5.4	A	16.3	B	15.2	B
	SBR					4.4	A	3.5	A
Intersection		7.7	A	8.1	A	16.0	B	14.6	B
Lakeland Avenue & Tariff Street/Johnson Avenue	EBL	43.1	D	43.8	D	45.0	D	45.0	D
	EBT	38.8	D	39.2	D	43.2	D	43.2	D
	EBR								
	WBL								
	WBT	46.5	D	48.6	D	50.0	D	50.0	D
	WBR								
	NBL								
	NBT	20.1	C	22.3	C	29.0	C	29.0	C
	NBR	5.3	A	6.1	A	6.9	A	6.9	A
	SBL								
	SBT	21.3	C	23.8	C	25.4	C	25.4	C
Intersection		25.3	C	27.2	C	30.4	C	30.4	C
Lakeland Avenue & Manton Street	EBL								
	EBT	18.9	B	18.8	B	18.9	B	18.9	B
	EBR								
	WBL								
	WBT	15.4	B	15.5	B	15.4	B	15.4	B
	WBR								
	NBL								
	NBT	8.5	A	9.8	A	11.3	B	11.3	B
	NBR								
	SBL								
	SBT	9.9	A	11.4	B	13.0	B	13.0	B
Intersection		10.1	B	11.3	B	12.6	B	12.6	B

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		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Brook Street	EBL	1.8	A	1.8	A	2.0	A	2.0	A
	EBT	2.6	A	2.9	A	3.0	A	3.0	A
	EBR								
	WBL								
	WBT	5.8	A	6.7	A	7.1	A	7.1	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	52.0	D	52.1	D	52.1	D	52.1	D
	SBT								
	SBR	11.4	B	11.3	B	11.0	B	11.0	B
Intersection		5.6	A	6.0	A	6.2	A	6.2	A
Montauk Highway & Cherry Avenue	EBL								
	EBT	6.3	A	7.0	A	7.5	A	7.5	A
	EBR								
	WBL								
	WBT	4.9	A	5.6	A	5.9	A	5.9	A
	WBR								
	NBL								
	NBT								
	NBR								
	SBL	23.4	C	24.6	C	23.9	C	23.9	C
Intersection		6.9	A	7.6	A	8.0	A	7.9	A
Greene Avenue & Montauk Highway	EBL								
	EBT	6.7	A	7.6	A	8.3	A	8.3	A
	EBR								
	WBL								
	WBT	5.4	A	5.9	A	6.5	A	6.6	A
	WBR	3.9	A	3.3	A	3.3	A	3.3	A
	NBL	63.0	E	67.0	E	65.5	E	65.5	E
	NBT	36.9	D	36.6	D	36.7	D	36.7	D
	NBR								
	SBL								
	SBT	52.1	D	52.3	D	52.3	D	52.3	D
Intersection		15.7	B	16.0	B	16.2	B	16.2	B

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		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Gilette Avenue/Railroad Avenue & Montauk Highway	EBL	16.5	B	16.6	B	18.2	B	19.1	B
	EBT	20.0	B	19.0	B	19.2	B	19.8	B
	EBR								
	WBL	15.7	B	17.3	B	17.8	B	18.4	B
	WBT	19.6	B	23.4	C	25.0	C	25.9	C
	WBR	5.4	A	6.4	A	6.9	A	6.9	A
	NBL								
	NBT	53.8	D	53.8	D	53.8	D	53.8	D
	NBR								
	SBL	67.7	E	96.3	F	103.5	F	91.1	F
	SBT	30.3	C	33.4	C	35.8	D	34.5	C
Intersection		29.8	C	35.0	C	36.9	D	35.3	D
Shopping Center/Lincoln Avenue & Montauk Highway	EBL	28.3	C	33.0	C	33.2	C	33.4	C
	EBT	30.4	C	33.7	C	33.9	C	34.0	C
	EBR								
	WBL	1.9	A	2.4	A	2.4	A	2.1	A
	WBT	3.3	A	3.9	A	3.9	A	3.8	A
	WBR								
	NBL								
	NBT	21.0	C	21.0	C	21.0	C	21.0	C
	NBR								
	SBL								
	SBT	40.9	D	41.5	D	41.5	D	41.5	D
	SBR	1.2	A	1.3	A	1.3	A	1.3	A
Intersection		15.2	B	16.8	B	16.9	B	16.9	B
Foster Avenue/Shopping Center & Montauk Highway	EBL	1.3	A	1.5	A	1.5	A	1.5	A
	EBT	3.0	A	3.3	A	3.4	A	3.4	A
	EBR	0.2	A	0.2	A	0.2	A	0.2	A
	WBL	22.0	C	27.4	C	28.7	C	29.6	C
	WBT	21.8	C	24.0	C	24.8	C	25.2	C
	WBR								
	NBL								
	NBT	49.3	D	49.7	D	48.9	D	48.9	D
	NBR	7.4	A	7.2	A	7.2	A	7.2	A
	SBL								
	SBT	25.0	C	25.0	C	24.9	C	24.9	C
Intersection		17.5	B	18.7	B	19.0	B	19.2	B

NELSON & POPE
Project Name: Grey Barn Island Hills
Phase 6 Analysis with Other Planned Developments
Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Montauk Highway & Hiddink Street/Hanson Place	EBL	50.5	D	51.1	D	52.3	D	49.0	D
	EBT								
	EBR								
	WBL	31.0	C	31.0	C	30.0	C	31.0	C
	WBT								
	WBR								
	NBL	11.6	B	12.0	B	12.4	B	11.6	B
	NBT	16.2	B	16.5	B	16.7	B	15.3	B
	NBR	6.0	A	6.0	A	6.0	A	6.0	A
	SBL								
	SBT								
Intersection		17.6	B	18.7	B	19.6	B	16.9	B
Smithtown Avenue & Terry Road & Island Blvd.	EBL	15.7	B	15.7	B	15.6	B	15.6	B
	EBT								
	EBR								
	WBL	16.2	B	16.1	B	16.2	B	16.2	B
	WBT								
	WBR								
	NBL	20.4	C	20.1	C	20.3	C	20.3	C
	NBT								
	NBR								
	SBL	7.4	A	7.5	A	7.4	A	7.4	A
	SBT	7.7	A	7.7	A	7.7	A	7.7	A
	SBR	7.6	A	7.6	A	7.6	A	7.6	A
	NWL								
Intersection		9.8	A	9.8	A	9.3	A	9.3	A
Cherry Avenue & Brook Street	EBL	10.5	B	10.1	B	10.7	B	10.7	B
	EBT								
	EBR								
	WBL	10.2	B	9.9	A	10.1	B	10.1	B
	WBT								
	WBR								
	NBL	9.4	A	9.3	A	9.5	A	9.5	A
	NBT								
	NBR								
	SBL	10.5	B	10.1	B	10.8	B	10.8	B
	SBT								
Intersection		10.2	B	9.9	A	10.4	B	10.4	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	24.2	C	27.4	D	47.8	E	47.8	E
Lakeland Avenue & Chester Road	EB	50.5	F	70.6	F	118.9	F	122.2	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	15.7	C	17.9	C	18.1	C	18.1	C
	WB	17.7	C	20.1	C	21.8	C	21.8	C
	NB	0.1	A	0.2	A	0.1	A	0.1	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	17.1	C	18.9	C	21.2	C	21.2	C
	NB	9.1	A	9.2	A	2.0	A	2.0	A
Railroad Avenue & Hiddink Street	WB	14.4	B	15.7	C	16.3	C	16.3	C
	NB	0.0		0.0		0.0		0.0	
	SB	2.2	A	2.3	A	2.5	A	2.5	A
Railroad Avenue & Center Street	EB	16.0	C	17.6	C	17.5	C	17.5	C
	NB	1.3	A	1.3	A	1.3	A	1.3	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.1	A	1.1	A	1.2	A	1.2	A
	WB	0.4	A	0.4	A	0.5	A	0.5	A
	NB	13.6	B	14.8	B	14.9	B	14.9	B
	SB	13.7	B	14.5	B	14.7	B	14.7	B
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.1	B	10.2	B	10.6	B	10.6	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	11.7	B	11.7	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0	A	0.0	A	0.0	A	0.0	A
	NB	10.5	B	10.6	B	11.0	B	11.0	B
Terry Road & Sterling Place	EB	7.9	A	8.0	A	8.3	A	8.3	A
	WB	8.0	A	8.0	A	8.2	A	8.2	A
	SB	7.2	A	7.2	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.5	A	9.6	A	9.8	A	9.8	A

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		AM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.0	A	8.1	A	8.5	A	8.5	A
	WB	9.0	A	9.1	A	9.4	A	9.4	A
	NB	8.4	A	8.6	A	8.8	A	8.8	A
Tariff Street/Terry Road & Chester Road	EB	1.9	A	1.9	A	1.7	A	1.7	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	9.9	A	9.9	A
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.3	A	9.4	A	9.9	A	9.9	A
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.3	A	9.3	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.1	A	2.8	A	5.0	A	5.0	A
Carrie Avenue & Marion Street	WB	8.6	A	8.7	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	6.1	A	6.2	A	6.1	A	6.1	A
Lincoln Avenue & Hiddink Street	EB	8.7	A	8.8	A	8.9	A	8.9	A
	WB	8.6	A	8.8	A	8.8	A	8.8	A
	NB	9.0	A	9.1	A	9.1	A	9.1	A
	SB	9.1	A	9.3	A	9.4	A	9.4	A
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		4.6	A	4.6	A
	NB	0.0	A	0.0	A	9.5	A	9.5	A
Terry Road & Site Access	EB	0.0		0.0		1.0	A	1.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.4	B	10.4	B

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Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.0	C	20.5	C	25.7	D	27.4	D
	NB	10.1	B	10.5	B	11.8	B	11.8	B
Lakeland Avenue & Chester Road	EB	93.2	F	162.8	F	360.1	F	310.0	F
	NB	0.1	A	0.1	A	0.1	A	0.1	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	17.5	C	19.7	C	20.6	C	20.6	C
	WB	23.0	C	28.9	D	32.6	D	32.6	D
	NB	1.1	A	1.2	A	1.2	A	1.2	A
	SB	0.3	A	0.3	A	0.3	A	0.3	A
Railroad Avenue & Depot Street	EB	22.7	C	28.5	D	37.8	E	37.8	E
	NB	3.0	A	3.3	A	3.3	A	3.3	A
Railroad Avenue & Hiddink Street	WB	19.2	C	22.7	C	36.0	E	36.0	E
	NB	0.0		0.0		0.0		0.0	
	SB	3.6	A	3.8	A	4.0	A	4.0	A
Railroad Avenue & Center Street	EB	21.7	C	26.4	D	23.6	C	23.6	C
	NB	1.4	A	1.4	A	1.4	A	1.4	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.8	A	2.3	A	2.3	A	2.3	A
	WB	0.3	A	0.3	A	0.3	A	0.3	A
	NB	53.6	F	90.8	F	96.2	F	96.2	F
	SB	18.0	C	20.8	C	21.2	C	21.2	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	10.4	B	10.6	B	11.2	B	11.2	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.0		0.0		0.0		0.0	
	NB	11.4	B	11.5	B	12.6	B	12.6	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	NB	10.0	B	10.1	B	10.4	B	10.4	B
Terry Road & Sterling Place	EB	8.4	A	8.5	A	8.7	A	8.7	A
	WB	8.1	A	8.1	A	8.4	A	8.4	A
	SB	7.2	A	7.3	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.6	A	9.9	A	9.9	A

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Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.9	A	9.1	A	9.5	A	9.5	A
	WB	10.5	B	10.8	B	11.4	B	11.4	B
	NB	10.0	A	10.3	B	10.9	B	10.9	B
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.0	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.8	A	10.1	B	10.1	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.9	A	9.8	A	10.3	B	10.3	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.0	A	9.2	A	9.2	A
	NB	0.0		0.0		0.0		0.0	
	SB	0.8	A	0.8	A	3.5	A	3.5	A
Carrie Avenue & Marion Street	WB	8.6	A	8.6	A	8.6	A	8.6	A
Carrie Avenue & Sterling Place	EB	8.8	A	8.8	A	8.8	A	8.8	A
	NB	3.0	A	3.0	A	3.0	A	3.0	A
Lincoln Avenue & Hiddink Street	EB	10.3	B	10.6	B	10.8	B	10.8	B
	WB	9.0	A	9.1	A	9.2	A	9.2	A
	NB	10.0	A	10.2	B	10.4	B	10.4	B
	SB	10.5	B	10.8	B	10.9	B	10.9	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.6	A	5.6	A
	NB	0.0	A	0.0	A	11.0	B	11.0	B
Terry Road & Site Access	EB	0.0		0.0		1.6	A	1.6	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.5	B	10.5	B

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Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	25.8	D	27.8	D	36.1	E	39.7	E
	NB	10.6	B	11.0	B	12.6	B	12.5	B
Lakeland Avenue & Chester Road	EB	73.2	F	126.0	F	351.0	F	269.6	F
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	16.7	C	20.2	C	19.4	C	19.4	C
	WB	20.7	C	25.3	D	26.8	D	26.8	D
	NB	0.1	A	0.1	A	0.2	A	0.2	A
	SB	0.6	A	0.6	A	0.6	A	0.6	A
Railroad Avenue & Depot Street	EB	20.4	C	24.6	C	30.7	D	30.7	D
	NB	2.5	A	2.8	A	2.8	A	2.8	A
Railroad Avenue & Hiddink Street	WB	22.7	C	28.1	D	29.8	D	29.8	D
	NB	0.0		0.0		0.0		0.0	
	SB	3.5	A	3.7	A	3.9	A	3.9	A
Railroad Avenue & Center Street	EB	23.4	C	28.5	D	25.8	D	25.8	D
	NB	1.9	A	2.0	A	2.1	A	2.1	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	2.4	A	2.9	A	2.9	A	2.9	A
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	31.7	D	43.5	E	45.6	E	45.6	E
	SB	18.2	C	21.4	C	19.8	C	19.8	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.6	A	9.7	A	10.8	B	10.8	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.1	A	0.1	A	0.1	A
	WB	0.1	A	0.1	A	0.0	A	0.0	A
	NB	11.1	B	11.2	B	12.3	B	12.3	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.2	A	0.2	A	0.1	A	0.1	A
	NB	10.8	B	11.0	B	11.4	B	11.4	B
Terry Road & Sterling Place	EB	8.2	A	8.3	A	8.5	A	8.5	A
	WB	7.9	A	8.0	A	8.2	A	8.2	A
	SB	7.1	A	7.1	A	7.2	A	7.2	A
Terry Road & Carrie Avenue	EB	0.1	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.7	A	9.7	A	10.0	B	10.0	B

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Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		Friday PM Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.4	A	8.5	A	8.7	A	8.7	A
	WB	10.2	B	10.5	B	10.9	B	10.9	B
	NB	9.0	A	9.2	A	9.0	A	9.0	A
Tariff Street/Terry Road & Chester Road	EB	2.0	A	2.1	A	1.9	A	1.9	A
	WB	0.0		0.0		0.0		0.0	
	SB	10.5	B	10.7	B	11.0	B	11.0	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.8	A	9.9	A	10.4	B	10.4	B
Bohemia Pkwy. & 11th Street	WB	9.1	A	9.1	A	9.4	A	9.4	A
	NB	0.0		0.0		0.0		0.0	
	SB	3.3	A	3.5	A	5.4	A	5.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.7	A	8.7	A	8.7	A
Carrie Avenue & Sterling Place	EB	8.7	A	8.7	A	8.7	A	8.7	A
	NB	4.6	A	4.6	A	4.6	A	4.6	A
Lincoln Avenue & Hiddink Street	EB	10.2	B	10.5	B	10.6	B	10.6	B
	WB	9.2	A	9.4	A	9.5	A	9.5	A
	NB	10.5	B	10.9	B	11.1	B	11.1	B
	SB	10.8	B	11.2	B	11.3	B	11.3	B
Site Access & 11th Street	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		5.4	A	5.4	A
	NB	0.0	A	0.0	A	11.3	B	11.3	B
Terry Road & Site Access	EB	0.0		0.0		1.8	A	1.8	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	10.4	B	10.4	B

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Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Lakeland Avenue & 11th Street	EB	19.2	C	20.5	C	26.2	D	26.1	D
	NB	9.4	A	9.6	A	10.2	B	10.2	B
Lakeland Avenue & Chester Road	EB	65.7	F	100.1	F	196.1	F	189.2	F
	NB	0.2	A	0.2	A	0.2	A	0.2	A
Lakeland Avenue & LIRR North Parking Lot/Henry Street	EB	20.1	C	23.8	C	28.1	D	28.1	D
	WB	31.1	D	45.2	E	65.3	F	65.3	F
	NB	0.4	A	0.4	A	0.5	A	0.5	A
	SB	0.6	A	0.7	A	0.8	A	0.8	A
Railroad Avenue & Depot Street	EB	37.9	E	55.2	F	95.9	F	95.9	F
	NB	3.2	A	3.6	A	3.9	A	3.9	A
Railroad Avenue & Hiddink Street	WB	Err	F	45.9	E	66.4	F	66.4	F
	NB	0.0		0.0		0.0		0.0	
	SB	12.5	B	3.0	A	3.6	A	3.6	A
Railroad Avenue & Center Street	EB	25.9	D	32.3	D	35.1	E	35.1	E
	NB	1.9	A	2.0	A	2.0	A	2.0	A
Shopping Center/Greeley Avenue & Montauk Highway	EB	1.2	A	1.4	A	1.5	A	1.5	A
	WB	0.5	A	0.6	A	0.6	A	0.6	A
	NB	42.9	E	75.1	F	85.0	F	85.0	F
	SB	17.8	C	20.3	C	21.4	C	21.4	C
Terry Road & Bohemia Pkwy. SB	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	10.0	A	10.4	B	10.4	B
Bohemia Pkwy. & Terry Road	EB	0.1	A	0.0	A	0.0	A	0.0	A
	WB	0.0		0.0		0.0		0.0	
	NB	10.7	B	10.8	B	11.6	B	11.6	B
St. Johns Street & Terry Road	EB	0.0		0.0		0.0		0.0	
	WB	0.1	A	0.1	A	0.1	A	0.1	A
	NB	9.9	A	9.9	A	10.6	B	10.6	B
Terry Road & Sterling Place	EB	7.9	A	7.9	A	8.3	A	8.3	A
	WB	7.8	A	7.9	A	8.2	A	8.2	A
	SB	7.1	A	7.1	A	7.3	A	7.3	A
Terry Road & Carrie Avenue	EB	0.0		0.0		0.0		0.0	
	WB	0.0		0.0		0.0		0.0	
	SB	9.9	A	9.9	A	10.6	B	10.6	B

NELSON & POPE

Project Name: Grey Barn Island Hills

Phase 6 Analysis with Other Planned Developments

Level of Service Summary Table

		Saturday Summer Peak with OPD							
Intersections		Existing		No Build Phase 6		Build Phase 6		Build Phase 6 with Mitigation	
Intersection	Approach /Movt.	Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
Cherry Avenue & Tariff Street/Terry Road	EB	8.2	A	8.3	A	9.0	A	9.0	A
	WB	9.0	A	9.2	A	9.8	A	9.8	A
	NB	8.6	A	8.7	A	9.4	A	9.4	A
Tariff Street/Terry Road & Chester Road	EB	1.3	A	1.3	A	1.2	A	1.2	A
	WB	0.0		0.0		0.0		0.0	
	SB	9.8	A	9.9	A	10.2	B	10.2	B
Bohemia Pkwy. & NYS Route 27 South Service Road	EB	0.0		0.0		0.0		0.0	
	EB	0.0		0.0		0.0		0.0	
	NB	9.6	A	9.7	A	10.3	B	10.3	B
Bohemia Pkwy. & 11th Street	WB	9.0	A	9.1	A	9.3	A	9.3	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.9	A	2.0	A	3.4	A	3.4	A
Carrie Avenue & Marion Street	WB	8.7	A	8.8	A	8.7	A	8.7	A
	NB	0.0		0.0		0.0		0.0	
	SB	1.2	A	1.7	A	1.2	A	1.2	A
Carrie Avenue & Sterling Place	EB	8.6	A	8.7	A	8.7	A	8.7	A
Lincoln Avenue & Hiddink Street	EB	10.1	B	10.4	B	10.9	B	10.9	B
	WB	9.7	A	10.0	A	10.3	B	10.3	B
	NB	10.4	B	10.7	B	11.1	B	11.1	B
	SB	11.2	B	11.7	B	12.0	B	12.0	B
Site Access & 11th Street	EB	0.0		0.0		0.0		7.0	A
	WB	0.0		0.0		5.5	A	7.9	A
	NB	0.0	A	0.0	A	10.3	B	7.7	A
Terry Road & Site Access	EB	0.0		0.0		1.5	A	1.5	A
	WB	0.0		0.0		0.0		0.0	
	SB	0.0	A	0.0	A	11.6	B	11.6	B